A-3

T.O. 33A1-8-16-4

(Formerly 16-30URM35-4)

ILLUSTRATED PARTS BREAKDOWN

SIGNAL GENERATOR AN/URM-35

(POLARAD)

PUBLISHED UNDER AUTHORITY OF THE SECRETARY OF THE AIR FORCE
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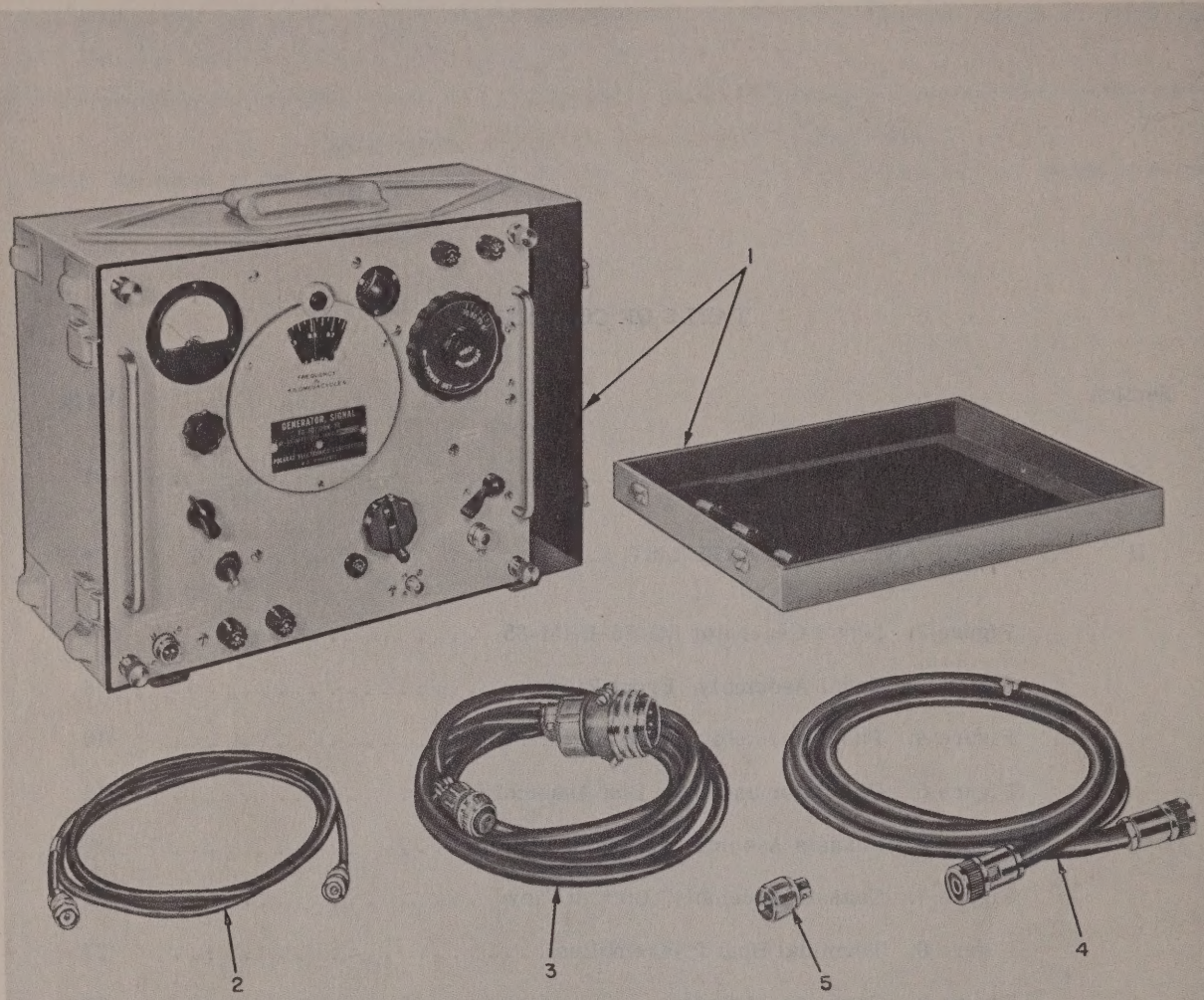

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Figure 1. Signal Generator AN/URM-35

SECTION I

INTRODUCTION

1-1. GENERAL.

1-2. This Illustrated Parts Breakdown lists, describes, and illustrates all the parts for Signal Generator AN/URM-35 manufactured by the Polarad Electronics Corporation, Long Island City, N. Y. It supplements the information furnished in the applicable Service and Operating Handbooks. The breakdown is divided into four sections, as shown in the Table of Contents: an Introduction, a Group Assembly Parts List, a Numerical Index, and a Reference Designation Index.

1-3. GROUP ASSEMBLY PARTS LIST (SECTION II).

1-4. The Group Assembly Parts List consists of the complete equipment divided into the main groups shown in the Table of Contents. Each main group is then further broken down into its major assemblies, sub-assemblies and component parts. These are arranged and properly indented in the order of disassembly and are keyed to appropriate exploded views by means of index numbers. Attaching parts, however, follow immediately after the part which they attach and are listed in the same indention with it under the heading "ATTACHING PARTS". The symbol ---*--- is used to indicate the end of the listing of attaching parts and separates it from the component parts or other assemblies that follow.

1-5. The Group Assembly Parts List is divided into five vertical columns. The column headings are self-explanatory with the following exceptions:

a. An asterisk in the PART NUMBER column indicates that the part is non-procurable as a separate item but is supplied by the manufacturer of the next higher assembly of which it is a part.

b. Column No. 4, headed UNITS PER ASSY, indicates the number of units required per assembly, sub-assembly, etc, as applicable. If more than one major assembly is required, then the total of such major assemblies is inserted. However, quantities of parts and detail sub-assemblies are given per major assembly. The symbol "Ref" in this column indicates that the item is completely assembled on another illustration showing its relationship to the next higher assembly. In such cases, the "DESCRIPTION" column contains a notation referring to the figure and index number on which the assembly is shown completely assembled.

c. Column No. 5, headed USABLE ON CODE, is not applicable to this parts breakdown.

1-6. VENDORS' CODE.

1-7. When a part is neither a contractor-furnished nor a government standard part, the code symbol of the vendor from whom the part can be procured is given in parentheses after the description of the part in the Description column. The vendors' code symbols used in this parts breakdown and the vendor to which each applies are listed in table I.

TABLE I. LIST OF VENDORS' CODE

CODE SYMBOL	VENDOR'S NAME AND ADDRESS
AMP	American Phenolic Corp. Chicago, Illinois
AP	Adel Division, General Metals Corp. Burbank, California
ASTN	Astron Corp. East Newark, New Jersey
ATV	Amperite Co. New York, New York
BC	Breeze Corporations Inc. Newark, New Jersey
BDC	The Bead Chain Mfg. Co. Bridgeport, Connecticut
EACO	Eaton Mfg. Co., Reliance Division, Massillon, Ohio
GD	The B. F. Goodrich Co. Akron, Ohio
KK	Kurz-Kasch Inc. Dayton, Ohio
LTF	Littelfuse Inc. Chicago, Illinois
MAI	Marion Electrical Instrument Co. Manchester, New Hampshire
PTN	Guyer Patton - Mac Co. Providence, Rhode Island
SH	Shakeproof Inc., Division Ill. Tool Works Chicago, Illinois
TTE	Times Facsimile Corp. New York, New York

TABLE I. LIST OF VENDORS' CODE (cont)

CODE SYMBOL	VENDOR'S NAME AND ADDRESS
UCI	The Ucinite Co. Newtonville, Massachusetts
WE	Western Electric Co. New York, New York
WIQ	Winchester Electronics Co. Glenbrook, Connecticut
WKI	Waldes-Koh-I-Noor Inc. Long Island City, New York

1-8. NUMERICAL INDEX (SECTION III).

1-9. The Numerical Index is compiled in accordance with a system in which the part number is considered as a series of columns running from left to right. The first number or letter of the part number in the extreme left column determines the initial order of part number arrangement. The order of precedence for the extreme left column is:

a. Letters A through Z (except "O's" which are considered numerical zeros). Numerals 0 through 9.

b. The order of precedence for second and succeeding position arrangement is:

Space (blank column),
Diagonal (slant) /,
Point (period),
Dash (-),
Letters A through Z (except "O" which is considered a numerical zero), and
Numerals 0 through 9.

1-10. The Numerical Index lists all parts in alphabetical-numerical sequence, the figure and index numbers and the total quantities of each part. Figure-and-index-number listings for all non-standard parts are complete;for government standard and contractor standard parts, the listing is limited to the first reference made to the part in the Group Assembly Parts List. "COMM" and "No Number" parts are listed alphabetically according to the first identifying noun of their description. The Quantity Per Article column of the Numerical Index indicates the total quantities of the listed parts used in the equipment.

1-11. The quantity in the "Quantity per Article" column is the total quantity per equipment.

1-12. The "Class Code or Stock No." column contains cross references of some Polarad part numbers to Air Force stock numbers. When the stock number for a particular item does not appear, reference should be made to the S-00-1 Master Numerical Index to obtain the stock number.

1-13. SOURCE CODE DEFINITIONS.

1-14. CODE "P" - PARTS UNDER INVENTORY STOCK CONTROL.

a. Code "P" is applied to parts which are procured in view of relatively high usage. Code "P" parts may be requisitioned and installed by any maintenance level, unless followed by the letter "O", which restricts requisition and replacement to Depot (O&R) level only. Restricted service manufacture is considered practicable but only after an attempt has been made to procure from Supply Sources. In lieu of Procurement of "P" Coded parts, the Department may designate a Depot (O&R) level activity to manufacture supply requirements for the Program.

b. Code "P1" is applied to parts which are very difficult or uneconomical to manufacture. Service manufacture is considered impracticable. Code "P1"" parts maybe requisitioned and installed by any maintenance level, unless followed by the letter "O" which restricts requisition and replacement to Depot (O&R) level only.

1-15. CODE "M" MANUFACTURE, PARTS NOT PROCURED.

a. Code "M" is applied to parts which are within the facilities of any activity to manufacture. Procurement and stocking are not justified in view of the relatively low usage, or storage and installation factors, of these parts. Needs are to be met by local manufacture as required.

b. Code "M1" is applied to parts which can be manufactured only by utilizing the facilities of the Depot (O&R) activity. Procurement and stocking of these parts are not justified in view of their relatively low usage and installation factors. The needs of all activities are to be met through salvage, or by Depot (O&R) level manufacture.

1-16. CODE "A" -ASSEMBLE-ASSEMBLY NOT PROCURED.

a. Code "A" is applied to assemblies made up of two or more units each of which carry individual part numbers and descriptions, and which may be assembled by any Maintenance level.

b. Code "A1" is applied to assemblies made up of two or more parts each of which carry individual part numbers and descriptions, and which may be assembled only by activities having Depot (O&R) facilities.

1-17. CODE "X" PARTS CONSIDERED IMPRACTICABLE FOR MANUFACTURE OR PROCUREMENT.

a. Code "X" is applied to parts which, if required, would suggest extensive equipment reconditioning. The need of a part or parts coded "X" should normally result in a recommendation to retire the equipment from Service.

b. Code "X1" is applied to parts for which procurement of the next higher assembly is justified; e. g., an integral detail part, such as welded segments, inseparable from its assembly; a part machined in a matched set; or part of an assembly which, if required, would suggest extensive reconditioning of each assembly.

c. Code "X2" is applied to parts which are neither procured nor stocked. Activities requiring such parts shall attempt to obtain them from salvage; if not obtainable from salvage, such parts shall be requisitioned through normal supply channels with supporting justification.

1-18. CODE "*"-PARTS NOT PROCURED, MANUFACTURED OR STOCKED.

a. Code "*" applies to installation drawings, diagrams, instructions or field service drawings, basic drawing numbers that cannot be procured or manufactured and obsolete parts.

1-19. REFERENCE DESIGNATION INDEX (SECTION IV).

1-20. The reference designation index contains a listing of parts to which reference designations have been assigned, arranged in alphabetical - numerical sequence of reference designations. The corresponding figure and index number, part number, and stock number appear in their respective columns.

1-21. RELATIONSHIP BETWEEN REFERENCE DESIGNATIONS IN EQUIPMENT HANDBOOKS.

1-22. This Illustrated Parts Breakdown is designed for use in conjunction with the Handbook Operating Instructions and the Handbook Service Instructions for this equipment. Reference designations are uniform throughout all publications.

1-23. HOW TO USE THIS PARTS CATALOG.

1-24. The information required to facilitate rapid and accurate use of this Parts Catalog is contained in the following chart:

YOU HAVE	YOU WANT TO FIND	WHAT TO DO
Part Number	Illustration, Description	1. Find part number in Numerical Parts List, Section III. 2. Note figure and index number for the part. 3. Locate illustration in Group Assembly Parts List, Section II. 4. Locate index number in column 1; description is on same line in column 3.
Part and Physical Location	Part Number	1. Refer to Table of Contents. 2. Consult the List of Illustrations and determine on which illustration(s) the part would logically appear. 3. Turn to the applicable illustration. Locate part and determine its index number. 4. Refer to the Group Assembly Parts List, column 1, corresponding to the above figure and index number. Part number appears in column 2.
Reference Symbol	Part Number, Description, Illustration	1. Locate reference symbol in Reference Designation Index, Section IV, and note figure-index number. 2. Turn to that figure and index number in the Group Assembly Parts List or refer to the Illustration.

SECTION II

GROUP ASSEMBLY PARTS LIST

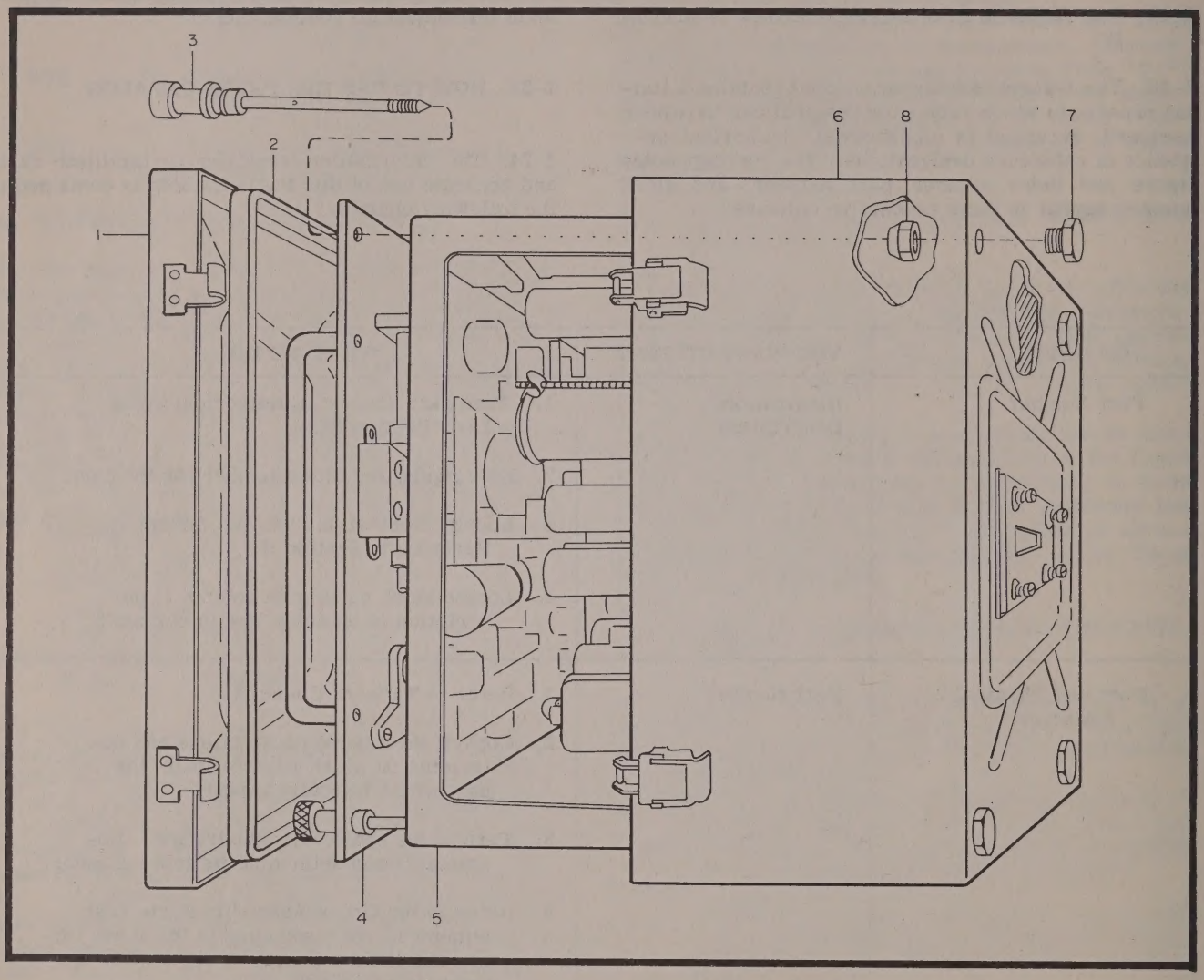

Figure 2. Signal Generator SG-56/URM-35

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		SIGNAL GENERATOR SG-56/URM-35		
2-	DP17489	SIGNAL GENERATOR SG-56/URM-35 (see figure 1) . . .	1	
-1	DP18537-3	. COVER ASSEMBLY	1	
-2	CP17084	. . GASKET, Neoprene	1	
-3	BP13660	. SHAFT AND STUD ASSEMBLY	4	
-4	DP16713	. PANEL ASSEMBLY (see figures 3 through 5)	1	
-5	FP16719	. CHASSIS ASSEMBLY (see figures 6 and 7)	1	
-6	BP21845	. CASE	1	
-7	AP14704	. . BOLT	4	
-8	AN364D624	. . NUT	4	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, FRONT VIEW		
3-	DP16713	PANEL ASSEMBLY, Front view (see figure 2)	Ref	
-1	HS2-2-1/2	. METER, Power monitor per Polarad Spec. Dwg No. BP16429 (MAI)	1	
		ATTACHING PARTS		
-2	*	. SCREW, Round head	3	
-3	*	. WASHER, Fiber	3	
		---*---		
-4	*	. . BEZEL	1	
-5	*	. . GASKET	1	
-6	*	. . RING, Shock mount	1	
3-	AP18916	. FREQUENCY DIAL LIGHT ASSEMBLY	1	
3-	AP17508	. . DIAL LIGHT ASSEMBLY	1	
		ATTACHING PARTS		
-7	*	. . BODY	1	
-8	*	. . NUT, Hex	1	
-9	*	. . WASHER, Lock	1	
-10	*	. . LUG, Ground	1	
-11	AP16866-1	. . BUSHING	1	
-12	AP16866-2	. . BUSHING	1	
		---*---		
-13	*	. . . CAP	1	
-14	AN3140-328	. . LAMP, 6V 2 amp	1	
-15	AP17309	. . COVER, Frequency dial light	1	
-16	BP17311-3	. DIAL COVER ASSEMBLY	1	
		ATTACHING PARTS		
-17	COMM	. SCREW, Mach binding hd steel Cd pl & iridite grey enamel finish No. 4-40 NC-2 by 5/8 in. lg	3	
		---*---		
-18	BP22246	. DIAL, Frequency	1	
		ATTACHING PARTS		
-19	COMM	. SCREW, Mach binding hd stainless steel passivate No. 4-40 NC-2 by 1/4 in. lg	3	
-20	AN936A4	. WASHER	3	
-21	AN960-4	. WASHER	3	
		---*---		
-22	S-308-B-BB	. KNOB, 1-1/8 in. dia per Polarad Spec. Dwg No. AK5212 (KK)	1	
		ATTACHING PARTS		
-23	COMM	. SCREW, SET soeket hd cup point steel Cd pl & iridite No. 8-32 NC-2 by 3/16 in. lg	2	
		---*---		
-24	RV4ATRD102A	. RESISTOR, Variable (JAN-R-94)	1	
		ATTACHING PARTS		
-25	*	. NUT	1	
-26	*	. WASHER, Lock	1	
		---*---		
-27	A-JAN-1325	. KNOB, Pointer per Polarad Spec. Dwg No. AK5211. (JAN Hardware Co., Brooklyn, N. Y.)	1	

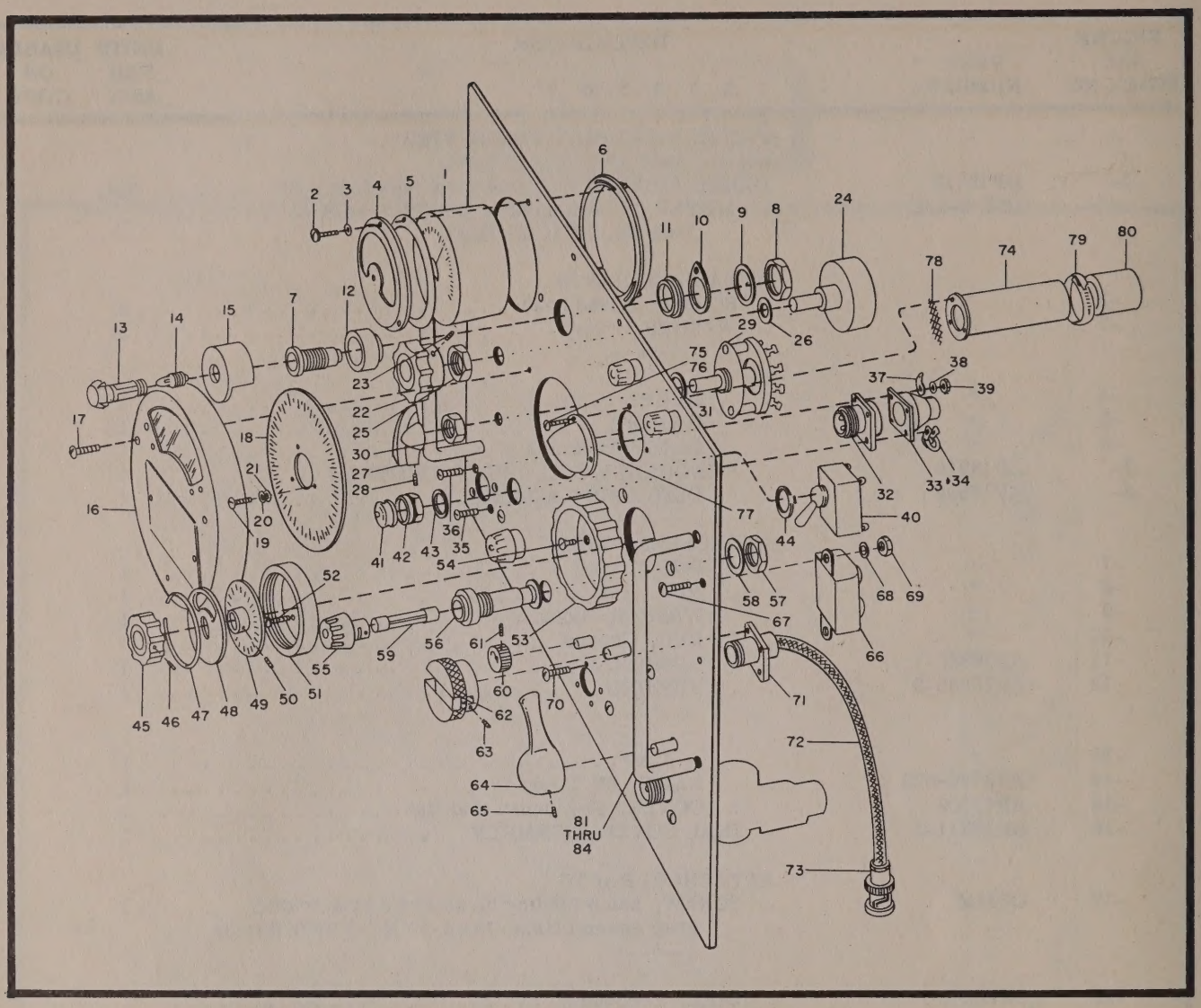

Figure 3. Panel Assembly, Front View

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, FRONT VIEW (cont)		
		ATTACHING PARTS		
3-28	COMM	. SCREW, Set socket hd cup point corrosion resistant steel passivate No. 6-32 NC-2 by 1/4 in. lg ---*---	2	
-29	CP16682	. SWITCH, Wafer	1	
		ATTACHING PARTS		
-30	*	. NUT, Hex	1	
-31	1220-2	. WASHER, Lock internal tooth steel . . . . . for 3/8 screw (SH) ---*---	1	
-32	97-3102A-10SL-4P(4C)	. RECEPTACLE, Connector female (same as AN3102A-10SL-4P except anodize and bichromate seal finish) (AMP)	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, FRONT VIEW (cont)		
3-33	UG-106/U	. SHIELD	1	
		ATTACHING PARTS		
-34	754A-6-2-6	. CLIP, Support per Polarad Spec. Dwg. No. AK5286 (AP)	1	
-35	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 4-40 NC-2 by 1/2 in. lg grey paint finish on screw head	1	
-36	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 4-40 NC-2 by 3/8 in. lg grey paint finish on screw head	3	
-37	2104-04-00	. TERMINAL, Lug per Polarad Spec. Dwg. No. AK5339-1(SH)	1	
-38	AN936A4	. WASHER	4	
-39	AN340-4	. NUT	4	
		---*---		
-40	ST23K	. SWITCH, Toggle (JAN-S-23) excl nuts	1	
		ATTACHING PARTS		
-41	AK5235-2	. BOOT, Silicone	1	
-42	AK5235-1	. NUT	1	
-43	AK5235-3	. GASKET, Neoprene	1	
-44	*	. RING, Locking	1	
		---*---		
-45	A-JAN-1324	. KNOB, Attenuator per Polarad Spec. Dwg No. AP17043 (JAN Hardware Co., Brooklyn, N. Y.)	1	
		ATTACHING PARTS		
-46	COMM	. SCREW, Set multiple spline cup point steel Cd pl & iridite No. 6-32 NC-2 by 1/4 in. lg	2	
		---*---		
-47	AP13436	. SPRING, Window retainer	1	
-48	AP16954	. POINTER, Window	1	
-49	AP16960-3	. DIAL ASSEMBLY, Attenuator	1	
		ATTACHING PARTS		
-50	COMM	. SCREW, Set socket hd cup point steel Cd pl & iridite No. 4-40 NC-2 by 1/8 in. lg	2	
		---*---		
-51	AP16953	. DIAL ASSEMBLY, Thermistor	1	
		ATTACHING PARTS		
-52	COMM	SCREW, Mach round hd steel Cd pl & iridite No. 4-40 by 3/16 in. lg	3	
		---*---		
-53	AP16956	. KNOB, Thermistor drive	1	
		ATTACHING PARTS		
-54	AN505C2-4	. SCREW	2	
		---*---		
3-	340067	. POST, Fuse extractor black bakelite 1-1/2 lg by 3/4 in. dia (LTF)	4	
-55	*	. . CAP	4	
-56	*	. . HOLDER	4	
		ATTACHING PARTS		
-57	*	. . NUT	4	
-58	*	. . WASHER	4	
		---*---		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, FRONT VIEW (cont)		
3-59	F02G3R00A	. FUSE, Cartridge 3 amp 250 V (Spec. MS90078)	4	
-60	A-JAN-1326	. KNOB, Lock per Polarad Spec. Dwg No. AP17607. . . . . (JAN Hardware Co., Brooklyn, N. Y.)	1	
		ATTACHING PARTS		
-61	COMM	. SCREW, Set socket hd cup point steel Cd pl & iridite . . No. 4-40 NC-2 by 1/8 in. lg ---*---	2	
-62	BK5338	. KNOB, Ratchet	1	
		ATTACHING PARTS		
-63	COMM	. SCREW, Set socket hd cup point steel Cd pl & iridite . . No. 8-32 NC-2 by 1/4 in. lg ---*---	2	
-64	AP17463	. KNOB, Pointer	1	
		ATTACHING PARTS		
-65	COMM	. SCREW, Set socket hd cup point steel Cd pl & iridite . . No. 8-32 NC-2 by 1/8 in. lg ---*---	2	
-66	CP54B1EG104V	. CAPACITOR, Fixed (JAN-C-25)	1	
		ATTACHING PARTS		
-67	COMM	. SCREW, Mach binding hd Cd pl & iridite grey enamel . . finish No. 6-32 NC-2 by 3/8 in. lg	2	
-68	AN936A6	. WASHER	2	
-69	AN340-6	. NUT . . . . . ---*---	2	
3-	BP19517-2	. CABLE ASSEMBLY	1	
		ATTACHING PARTS		
-70	COMM	. SCREW, Mach binding hd steel Cd pl & iridite grey . . . enamel finish No. 3-56 NC-2 by 1/4 in. lg ---*---	4	
-71	UG-291A/U	. . CONNECTOR, Receptacle (MIL-C-3608)	1	
-72	RG-58C/U	. . CABLE, Coaxial 42 in. lg (JAN-C-17)	1	
-73	UG-88B/U	. . CONNECTOR, Plug (MIL-C-3608)	1	
-74	BP19727	. DUCT, Blower.	1	
		ATTACHING PARTS		
-75	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 2-56 NC-2 by 3/8 in. lg	3	
-76	AN936A2	. WASHER . . . . . ---*---	3	
-77	AP17645	. DEFLECTOR	1	
-78	AP20067	. SCREW, Deflector	1	
-79	AP23464	. CLAMP, Hose	1	
-80	AP23463	. HOSE	1	
-81	BP16812	. HANDLE	2	
		ATTACHING PARTS		
-82	COMM	. SCREW, Mach binding hd steel Cd pl & iridite . . . . . No. 10-32 NC-2 by 1/2 in. lg	4	
-83	AN936B10	. WASHER	4	
-84	AP21529	. CLIP, Support. . . . . ---*---	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, REAR VIEW		
4-	DP16713	PANEL ASSEMBLY, Rear View (see 4, figure 2)	Ref	
4-	DP18473	. COAXIAL SWITCH & PROBE ASSEMBLY	1	
		ATTACHING PARTS		
-1	COMM	. SCREW, Mach binding hd steel Cd pl & iridite grey enamel finish No. 6-32 NC-2 by 5/8 in. lg	2	
-2	COMM	. SCREW, Mach flat hd steel Cd pl & iridite grey enamel finish No. 6-32 by 5/8 in. lg	1	
-3	BK5159-6	. WASHER, Lock Cd pl & iridite for No. 6 screw	3	
-4	AN340-6	. NUT	3	
-5	AN742D7C	. CLIP, Support	1	
-6	COMM	. SCREW, Set socket hd cup point steel Cd pl & iridite No. 4-40 by 1/8 in. lg	2	
		---*---		
4-	BP18820	. . ATTENUATOR PROBE ASSEMBLY	1	
-7	AP17426	. . . CONTACT, Cup	1	
-8	AP17424	. . . SPRING, Contact	1	
-9	AP18768	. . . PIN, Contact	1	
-10	AP16955	. COUPLING	1	
-11	AP17049	. YOKE ASSEMBLY	1	
		ATTACHING PARTS		
-12	COMM	. SCREW, Set socket hd cup point steel Cd pl & iridite No. 8-32 by 3/16 in. lg	2	
		---*---		
-13	BP17185	. THERMISTOR MOUNT ASSEMBLY	1	
-14	CP17224	. DRIVE ASSEMBLY, Thermistor and attenuator	1	
		ATTACHING PARTS		
-15	COMM	. SCREW, Mach binding hd steel Cd pl & iridite grey enamel finish No. 10-32 NC-2 by 3/8 in. lg	1	
-16	AN510C10-6	SCREW	2	
		---*---		
-17	AP13456	. . COLLAR, Stop	1	
		ATTACHING PARTS		
-18	COMM	. . SCREW, Set socket hd cup point steel Cd pl & iridite No. 8-32 by 1/8 in. lg	2	
		---*---		
4-	BP17025	. . ATTENUATOR YOKE ASSEMBLY	1	
-19	AP17026	. . . RACK	1	
-20	5133-9	. . . RING, Retaining per Polarad Spec. BK5200 (WKI)	1	
-21	COMM	. . . SCREW, Mach binding hd steel Cd pl & iridite No. 8-32 NC-2 by 1 in. lg	1	
-22	AN340-8	. . . NUT	1	
-23	AP13456	. . COLLAR, Stop	1	
		ATTACHING PARTS		
-24	COMM	. . SCREW, Set socket hd cup point steel Cd pl & iridite No. 8-32 by 1/8 in. lg	2	
		---*---		
-25	AP13456	. . COLLAR, Stop	1	
		ATTACHING PARTS		
-26	COMM	. . SCREW, Set socket hd cup point steel Cd pl & iridite No. 8-32 by 1/8 in. lg	2	
		---*---		

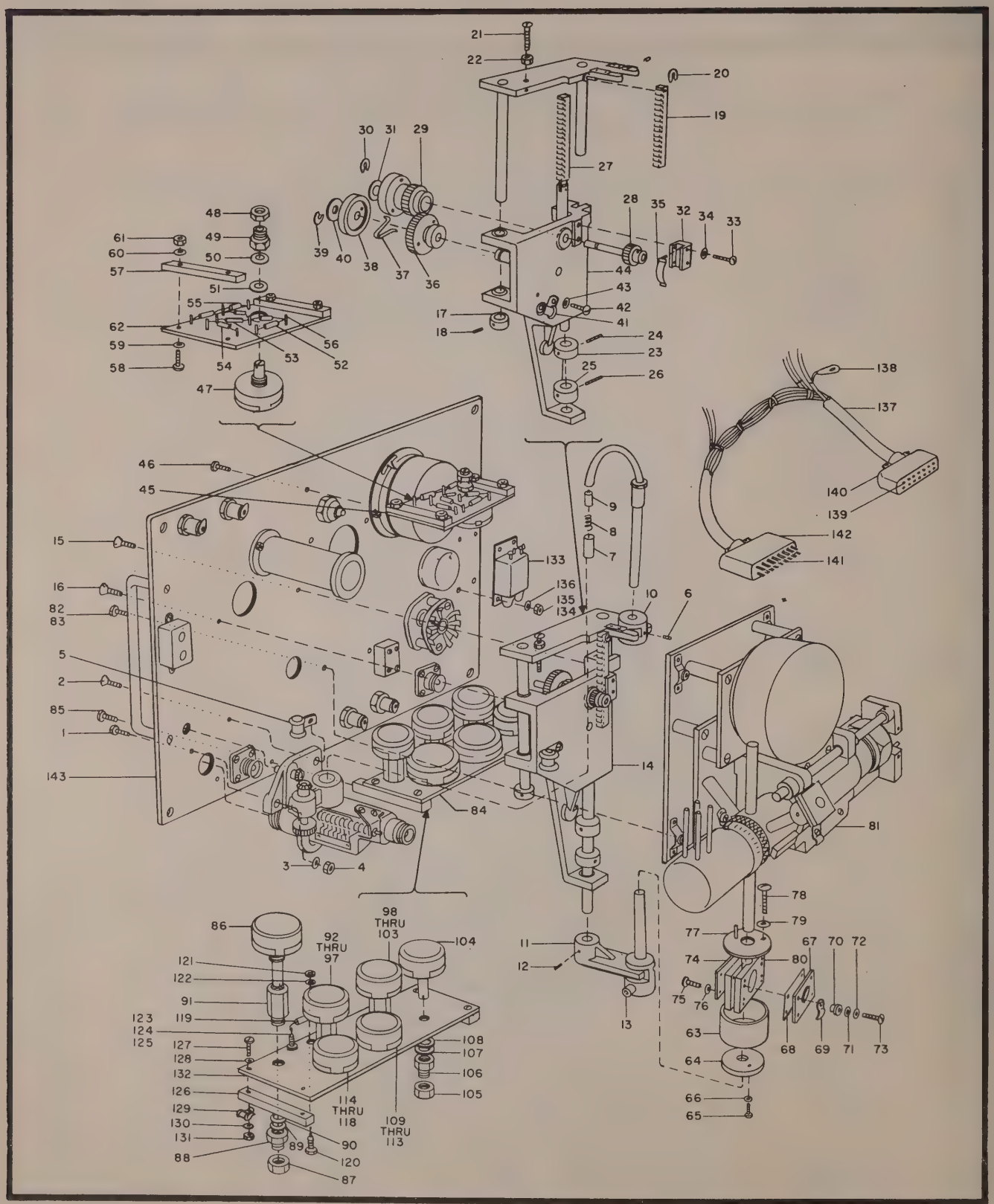

Figure 4. Panel Assembly, Rear View

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, REAR VIEW (cont)		
4-27	AP17322	. . THERMISTOR RACK DRIVE ASSEMBLY	1	
-28	AP16956	. . ATTENUATOR DRIVE SHAFT ASSEMBLY	1	
-29	AP18054	. . HUB, Thermistor drive	1	
		ATTACHING PARTS		
-30	5133-18	. . RING, Snap per Polarad Spec. Dwg No. BK5200-9(WKI)	1	
-31	AP16976	. . WASHER	1	
		---*---		
-32	AP16963	. . GUIDE, Attenuator rack	1	
		ATTACHING PARTS		
-33	COMM	. . SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 5/8 in. lg	2	
-34	BK5159-61	. . WASHER, Lock split steel Cd pl & iridite for No. 6 screw (EACO)	2	
		---*---		
-35	AP16962	. . SPRING, Rack guide	1	
-36	AP16973	. . GEAR, Spring	1	
-37	AP13417	. . SPRING, Backlash	1	
-38	AP18053	. . GEAR, Thermistor drive	1	
		ATTACHING PARTS		
-39	5133-18	. . RING, Snap per Polarad Spec. Dwg No. BK5200-9(WKI)	1	
-40	AP16976	. . WASHER	1	
		---*---		
-41	AN742D10C	. . CLIP, Support	1	
		ATTACHING PARTS		
-42	COMM	. . SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 1/4 in. lg	1	
-43	AN936A6	. . WASHER	1	
		---*---		
-44	CP17269	. . DRIVE SUPPORT ASSEMBLY	1	
-45	BP19060	. TERMINAL BOARD ASSEMBLY	1	
		ATTACHING PARTS		
-46	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 8-32 NC-2 by 3/8 in. lg	2	
		---*---		
-47	RA30A2SD502AK	. . RESISTOR, Variable (JAN-R-19)	1	
		ATTACHING PARTS		
-48	AP15297	. . NUT, Collet	1	
-49	AP15342	. . COLLET	1	
-50	AN936A616	. . WASHER	1	
-51	AN960-616L	. . WASHER	1	
		---*---		
-52	RC20GF241J	. . RESISTOR, Fixed (JAN-R-11)	1	
-53	RC42GF821K	. . RESISTOR, Fixed (JAN-R-11)	1	
-54	RN20R1300F	. . RESISTOR, Fixed (MIL-R-10509A)	4	
-55	RC30GF620J	. . RESISTOR, Fixed (JAN-R-11)	1	
-56	T-120-11	. . LUG, Turret per Polarad Spec. Dwg No. AK5135 (BDC)	10	
-57	AP19731	. . POST	2	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, REAR VIEW (cont)		
		ATTACHING PARTS		
4-58	COMM	. . SCREW, Mach binding hd Cd pl & iridite No. 6-32 NC-2 by 7/8 in. lg	4	
-59	AN960-6	. . WASHER	4	
-60	AN936A6	. . WASHER	4	
-61	AN340-6	. . NUT	4	
		---*---		
-62	AP17251	. . BOARD, Terminal	1	
-63	AP17069	. SHIELD	1	
-64	AP17072	. PLATE, End	1	
		ATTACHING PARTS		
-65	AN515-4-4	. SCREW	1	
-66	AN936A4	. WASHER	1	
		---*---		
4-	AP17067-1	. DISC THERMISTOR MOUNT ASSEMBLY	1	
-67	D168392	. . THERMISTOR, Disc (WE)	1	
		ATTACHING PARTS		
-68	AP16961	. . GASKET	1	
-69	4007	. . TERMINAL (PTN)	1	
-70	AP13461	. . BUSHING	4	
-71	AP17409	. . WASHER, Flat	4	
-72	COMM	. . WASHER, Lock split Cd pl & iridite for No. 2 screw	4	
-73	AN515-2-6	. . SCREW	4	
		---*---		
-74	D168391	. . THERMISTOR, Disc (WE)	1	
		ATTACHING PARTS		
-75	AN515-4-8	. . SCREW	4	
-76	COMM	. . WASHER, Lock split Cd pl & iridite for No. 4 screw	4	
		---*---		
-77	AP17070	. . END PLATE ASSEMBLY	1	
		ATTACHING PARTS		
-78	AN515-4-4	. . SCREW	1	
-79	COMM	. . WASHER, Lock split Cd pl & iridite for No. 4 screw	1	
		---*---		
-80	AP17068-1	. . DISC THERMISTOR MOUNT	1	
-81	DP17617	. OSCILLATOR AND GEAR BOX ASSEMBLY (see figure 5)	1	
		ATTACHING PARTS		
-82	COMM	. SCREW, Mach binding hd steel Cd pl & iridite grey enamel finish No. 8-32 NC-2 by 5/8 in. lg	3	
-83	COMM	. SCREW, Mach flat hd steel Cd pl & iridite grey enamel finish No. 8-32 NC-2 by 5/8 in. lg	1	
		---*---		
-84	BP17147	. POTENTIOMETER MOUNTING BOARD ASSEMBLY	1	
		ATTACHING PARTS		
-85	COMM	. SCREW, Mach binding hd Cd pl & iridite No. 6-32 NC-2 by 1/2 in. lg	2	
		---*---		
-86	RV4ATSH103A	. . RESISTOR, Variable (JAN-R-19)	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, REAR VIEW (cont)		
		ATTACHING PARTS		
4-87	AP15297	. . NUT, Collet	1	
-88	AP15342	. . COLLET	1	
-89	AN936A616	. . WASHER	1	
-90	AN960-616L	. . WASHER	1	
-91	AK5075-1	. . BUSHING, Extension	1	
		---*---		
-92	RV4ATSH253A	. . RESISTOR, Variable (JAN-R-19)	1	
		ATTACHING PARTS		
-93	AP15297	. . NUT, Collet	1	
-94	AP15342	. . COLLET	1	
-95	AN936A616	. . WASHER	1	
-96	AN960-616L	. . WASHER	1	
-97	AK5075-1	. . BUSHING, Extension	1	
		---*---		
-98	RV4ATSH103A	. . RESISTOR, Variable (JAN-R-19)	1	
		ATTACHING PARTS		
-99	AP15297	. . NUT, Collet	1	
-100	AP15342	. . COLLET	1	
-101	AN936A616	. . WASHER	1	
-102	AN960-616L	. . WASHER	1	
-103	AK5075-1	. . BUSHING, Extension	1	
		---*---		
-104	RV4ATSD153A	. . RESISTOR, Variable (JAN-R-19)	1	
		ATTACHING PARTS		
-105	AP15297	. . NUT, Collet	1	
-106	AP15342	. . COLLET	1	
-107	AN936A616	. . WASHER	1	
-108	AN960-616L	. . WASHER	1	
		---*---		
-109	RV4ATSD153A	. . RESISTOR, Variable (JAN-R-19)	1	
		ATTACHING PARTS		
-110	AP15297	. . NUT, Collet	1	
-111	AP15342	. . COLLET	1	
-112	AN936A616	. . WASHER	1	
-113	AN960-616L	. . WASHER	1	
		---*---		
-114	RV4ATSD503A	. . RESISTOR, Variable (JAN-R-19)	1	
		ATTACHING PARTS		
-115	AP15297	. . NUT, Collet	1	
-116	AP15342	. . COLLET	1	
-117	AN936A616	. . WASHER	1	
-118	AN960-616L	. . WASHER	1	
		---*---		
-119	RC30GF104K	. . RESISTOR, Fixed (JAN-R-11)	1	
-120	118930-C	. . JACK, Test (Black) per Polarad Spec. Dwg No. AP18398-1 (UCI)	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		PANEL ASSEMBLY, REAR VIEW (cont)		
		ATTACHING PARTS		
4-121	*	. . NUT	1	
4-	*	. . WASHER	1	
-122	AP19888	. . WASHER	1	
		---*---		
-123	118930-B	. . JACK, Test (Red) per Polarad Spec. Dwg. No. AP18398-2 (UCI)	1	
		ATTACHING PARTS		
-124	*	. . NUT	1	
	*	. . WASHER	1	
-125	AP19888	. . WASHER, Plain	1	
		---*---		
-126	CK5001-43	. . POST	1	
		ATTACHING PARTS		
-127	AN505-6-12	. . SCREW	4	
-128	AN960-6	. . WASHER	4	
-129	AN742D9C	. . CLIP, Support	1	
-130	AN936A6	. . WASHER	4	
-131	AN340-6	. . NUT	4	
		---*---		
-132	AP17252	. . BOARD, Potentiometer Mounting	1	
-133	AF-844	. FILTER, R-f interference per Polarad Spec. Dwg No. BP20406 (ASTN)	1	
		ATTACHING PARTS		
-134	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/16 in. lg	4	
-135	AN936A6	. WASHER	4	
-136	AN340-6	. NUT	4	
		---*---		
-137	DP19887	. HARNESS ASSEMBLY	1	
-138	AK5334	. . TERMINAL, Solder lug	1	
-139	7-2-20S	. . CONNECTOR, Receptacle per Polarad Spec. Dwg No. BP19448-1 (WIQ)	1	
-140	9-20H	. . HOOD, per Polarad Spec. Dwg No. BP19448-3 (WIQ)	1	
-141	7-2-20P	. . CONNECTOR, Plug per Polarad Spec. Dwg No. BP19448-2 (WIQ)	1	
-142	9-20H1	. . HOOD, per Polarad Spec. Dwg No. BP19448-4 (WIQ)	1	
-143	DP17214	. PANEL	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		OSCILLATOR AND GEAR BOX ASSEMBLY		
5-	DP17617	OSCILLATOR AND GEAR BOX ASSEMBLY (see figure 8)	Ref	
	DP17692	. GEAR BOX ASSEMBLY.	1	
		ATTACHING PARTS		
-1	COMM	. SCREW, Mach binding hd steel Cd pl & iridite . . . . . No. 8-32 NC-2 by 3/4 in. lg	4	
-2	COMM	. WASHER, Lock split Cd pl & iridite for No. 8 screw . .	4	
		---*---		
-3	AP17661	. SPACER	1	
-4	AP17656	. SPACER	1	
-5	BP18271	. . POTENTIOMETER MOUNTING ASSEMBLY.	1	
		ATTACHING PARTS		
-6	AN505-8-6	. . SCREW	1	
-7	COMM	. . SCREW, Mach binding hd steel Cd pl & iridite . . . . No. 8-32 NC-2 by 3/8 in. lg	1	
-8	COMM	. . WASHER, Lock split Cd pl & iridite for No. 8 screw	1	
-9	AN960-8	. . WASHER	2	
-10	COMM	. . SCREW, Mach binding hd steel Cd pl & iridite . . . . No. 6-32 by 3/4 in. lg	2	
-11	COMM	. . WASHER, Lock split Cd pl & iridite for No. 6 screw	2	
-12	AN960-6	. . WASHER	2	
		---*---		
-13	AP18025	. . . GEAR, Potentiometer drive	1	
		ATTACHING PARTS		
-14	COMM	. . . SCREW, Set socket hd cup point steel Cd pl & . . iridite No. 4-40 by 1/8 in. lg	2	
		---*---		
-15	CP17230	. . . POTENTIOMETER, Tracking.	1	
		ATTACHING PARTS		
-16	COMM	. . . SCREW, Mach binding hd Cd pl & iridite . . . . . No. 6-32 NC-2 by 3/8 in. lg	3	
-17	AN936B6	. . . WASHER	3	
-18	AN960-6	. . . WASHER	3	
		---*---		
-19	AP18186	. . . BOARD, Potentiometer mounting.	1	
-20	AP22506	. . HUB, Stop washer	1	
		ATTACHING PARTS		
-21	COMM	. . SCREW, Set socket hd cup point steel Cd pl & . . . . . iridite No. 6-32 by 3/16 in. lg	2	
		---*---		
-22	BK5261-1	. . WASHER, Stop	1	
-23	AK5074-2	. . WASHER, Flat	9	
-24	AP15115	. . WASHER, Flat	1	
-25	QS200-M24S	. CLAMP, Tube per Polarad Spec. Dwg No. AP17298(BC)	1	
5-	BP19480	. TUBE COVER ASSEMBLY	1	
-26	BP20459	. . COVER	1	
-27	78-S4S	. . SOCKET, Tube four contact per Polarad Spec. . . . . Dwg. No. AP15392 (AMP)	1	
-28	AP17275	. NUT, Retaining	1	
-29	6390	. TUBE, Klystron reflex	1	
-30	ABI2535	. WASHER, Retainer	1	

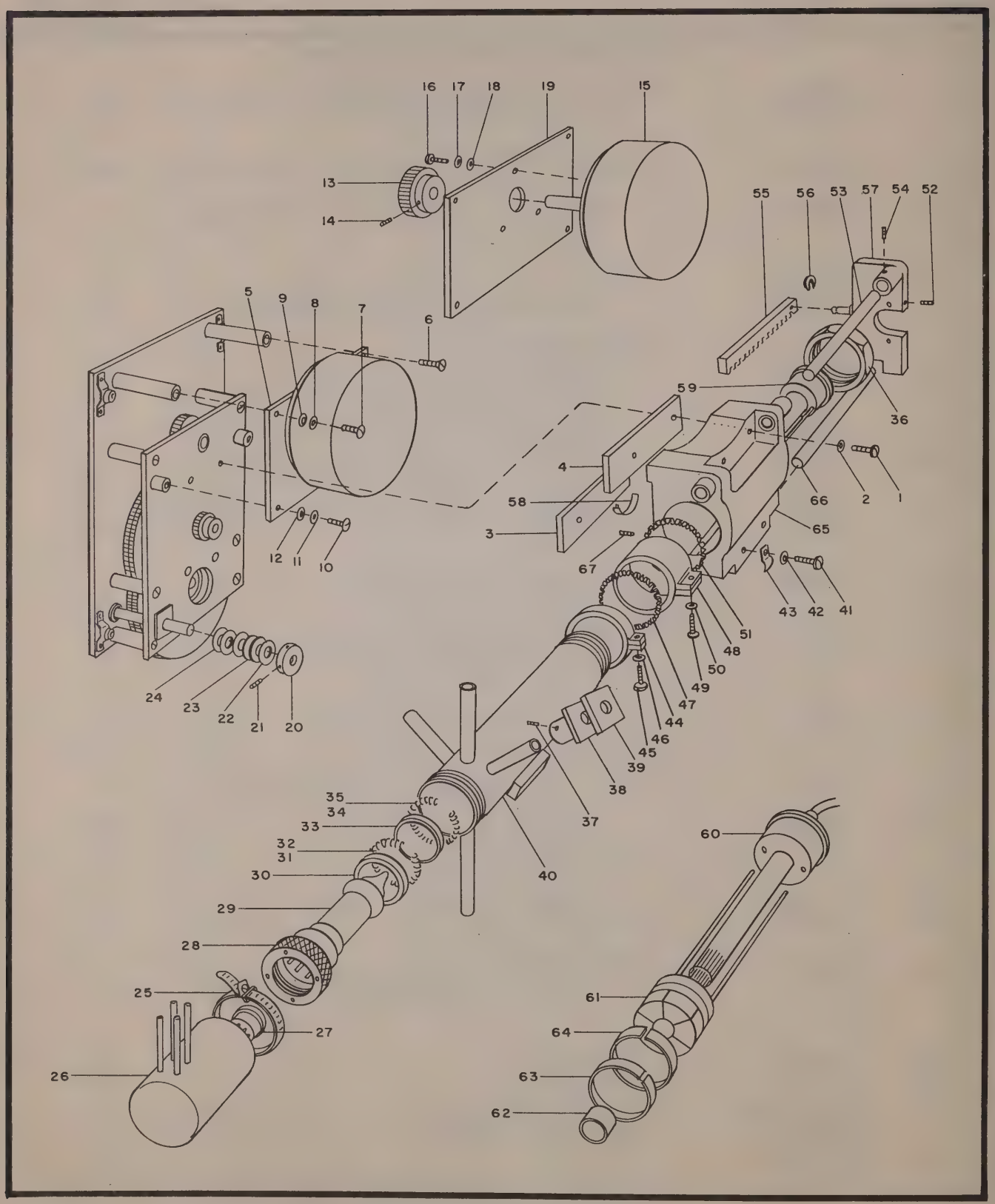

Figure 5. Oscillator and Gear Box Assembly

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		OSCILLATOR AND GEAR BOX ASSEMBLY (cont)		
5-31	ABI2536	. RETAINER, Spring	1	
-32	ABI2537	. CORE, Retainer spring	1	
-33	ABI2538	. WASHER, Flat	1	
-34	ABI2536	. RETAINER, Spring	1	
-35	ABI2537	. CORE, Retainer spring	1	
-36	AP15228	. NUT, Barrel lock	1	
5-	AP20403	. DUCT BASE AND GASKET ASSEMBLY	1	
		ATTACHING PARTS		
-37	COMM	. SCREW, Set socket hd cup point steel Cd pl & iridite No. 6-32 NC-2 by 3/16 in. lg	2	
		---*---		
-38	AP18572	. . BASE, Blower duct	1	
-39	AP18571	. . GASKET, Blower duct	1	
-40	CP20762	. BARREL & YUSCOM CLOTH ASSEMBLY	1	
		ATTACHING PARTS		
-41	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/4 in. lg	2	
-42	COMM	. WASHER, Lock split for No. 6 screw	1	
-43	AN742D10C	. CLIP, Support	1	
		---*---		
-44	AP19554	. CLAMP	1	
		ATTACHING PARTS		
-45	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 by 1/2 in. lg	1	
-46	COMM	. WASHER, Lock split No. 6	1	
		---*---		
-47	AP22294-2	. SEAL, Metex	1	
-48	BP19555	. COLLAR, Oscillator	1	
		ATTACHING PARTS		
-49	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 by 1/2 in. lg	1	
-50	COMM	. WASHER, Lock split No. 6	1	
		---*---		
-51	AP22294-2	. SEAL, Metex	1	
5-	BP17654	. OSCILLATOR DRIVE ASSEMBLY	1	
		ATTACHING PARTS		
-52	COMM	. SCREW, Set socket hd steel Cd pl & iridite cup point No. 4-40 by 3/16 in. lg	2	
		---*---		
-53	AP17653-1	. . ROD, Guide	1	
		ATTACHING PARTS		
-54	COMM	. . SCREW, Set socket hd cup point steel Cd pl & iridite No. 8-32 NC-2 by 3/16 in. lg	2	
		---*---		
-55	AP17652-1	. . RACK	1	
		ATTACHING PARTS		
-56	5133-9	. . RING, Retaining (WKI)	1	
		---*---		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		OSCILLATOR AND GEAR BOX ASSEMBLY (cont)		
5-57	AP17651	. . YOKE, Oscillator drive	1	
-58	AP16962	. SPRING, Rack	1	
-59	No Number	. INNER CONDUCTOR AND CHOKE ASSEMBLY	1	
-60	BP17619	. . INNER CONDUCTOR ASSEMBLY	1	
-61	BP17629	. . CHOKE ASSEMBLY	1	
-62	AP17635	. . . BEARING, Sleeve	1	
-63	AP17634	. . . SLEEVE, Rear	1	
-64	AP17633	. . . SLEEVE, Front	1	
-65	BP17659	. OSCILLATOR SUPPORT ASSEMBLY	1	
-66	AP17655-1	. ROD, Yoke guide	1	
		ATTACHING PARTS		
-67	COMM	. SCREW, Set socket hd cup point steel Cd pl & iridite No. 6-32 NC-2 by 1/4 in. lg	2	
		---*---		

CHASSIS ASSEMBLY, TOP VIEW

6-	FP16719	CHASSIS ASSEMBLY, Top view (see 5, figure 2)	Ref
-1	TS102U03	. SHIELD, Tube (JAN-S-28A)	3
-2	TS102U02	. SHIELD, Tube (JAN-S-28A)	8
-3	TS103U02	. SHIELD, Tube (JAN-S-28A)	5
-4	TS103U03	. SHIELD, Tube (JAN-S-28A)	1
-5	BK5383-6	. SHIELD, Tube	1
-6	4	. HAT, Top per Polarad Spec. Dwg No. AK5138-1 (TTE)	3
-7	3	. HAT, Top per Polarad Spec. Dwg No. AK5204-3 (TTE)	1
-8	JAN5R4WGY	. TUBE, Electron (JAN-1-A)	3
-9	JAN6X4W	. TUBE, Electron (JAN-1-A)	3
-10	JAN0B2	. TUBE, Electron (JAN-1-A)	2
-11	JAN12AT7	. TUBE, Electron (JAN-1-A)	5
-12	JAN5651	. TUBE, Electron (JAN-1-A)	5
-13	JAN6AU6	. TUBE, Electron (JAN-1-A)	1
-14	JAN6005/6AQ5W	. TUBE, Electron (JAN-1-A)	1
-15	JAN6098/CT	. TUBE, Electron (JAN-1-A)	1

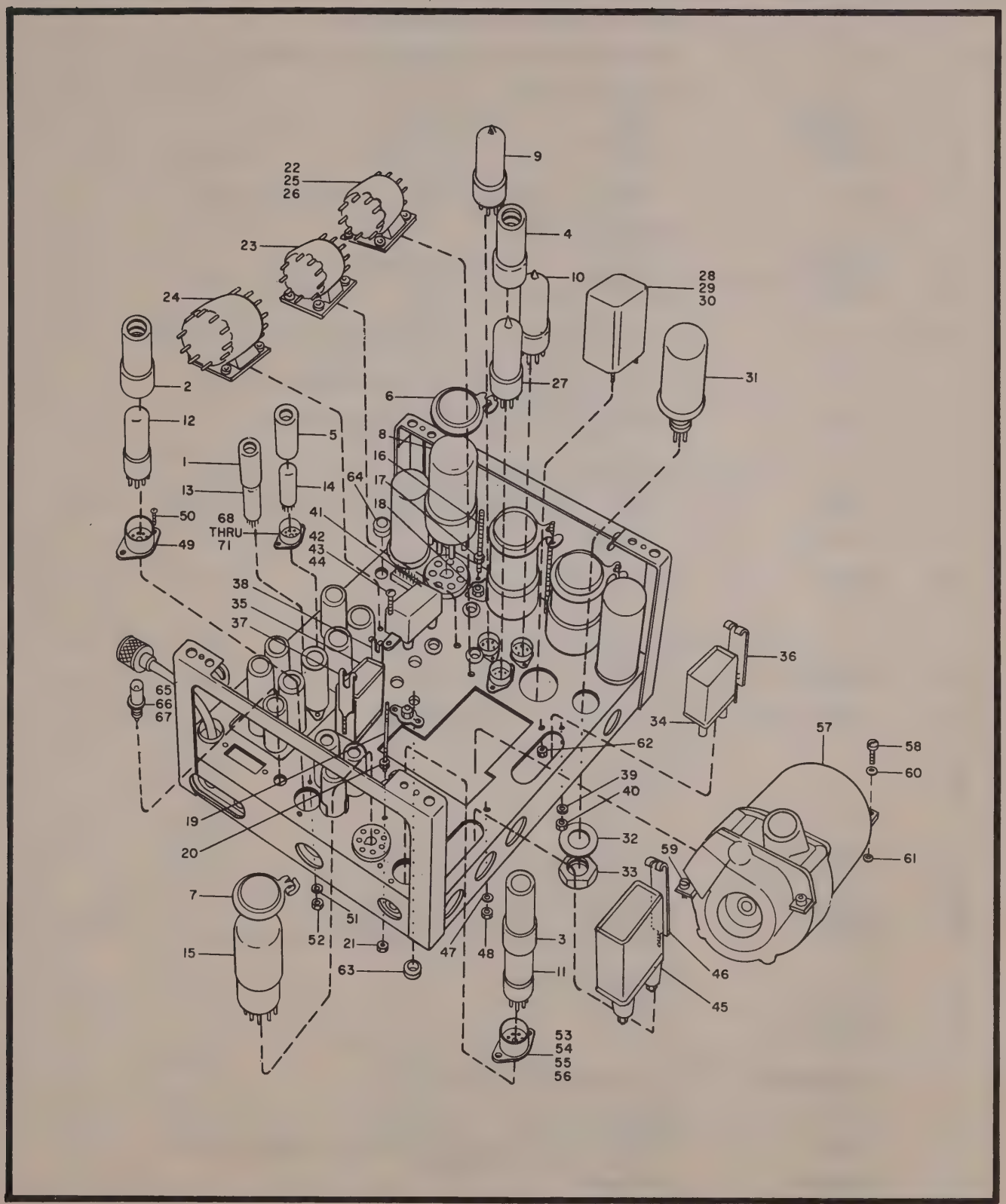

Figure 6. Chassis Assembly, Top View

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHASSIS ASSEMBLY, TOP VIEW (cont)		
6-16	H2B	. POST, per Polarad Spec. Dwg No. 5140-42 (TTE).	3	
		ATTACHING PARTS		
-17	AN340-8	. NUT	3	
	AN936B8	. WASHER	3	
-18	AN340-8	. NUT	3	
		---*---		
-19	H1B	. POST, per Polarad Spec. Dwg No. AK5140-32 (TTE). .	1	
		ATTACHING PARTS		
-20	AN340-8	. NUT	1	
	AN936B8	. WASHER	1	
-21	AN340-8	. NUT	1	
		---*---		
-22	CT1117	. TRANSFORMER, Filament (Sterling Transformer Co.. Brooklyn, N. Y.)	1	
-23	CT1118	. TRANSFORMER, Power (Sterling Transformer Co.... Brooklyn, N. Y.)	1	
-24	CT1116	. TRANSFORMER, Plate (Sterling Transformer Co.... Brooklyn, N. Y.)	1	
		ATTACHING PARTS (for items 22, 23, and 24 above)		
-25	COMM	. SCREW, Mach binding hd steel Cd pl & iridite . . . . . No. 6-32 NC-2 by 5/16 in. lg	12	
-26	AN936A6	. WASHER	12	
		---*---		
-27	6N075T	. RELAY, Delay (ATV)	1	
-28	BP16431	. RELAY, Armature	1	
		ATTACHING PARTS		
-29	AN936A6	. WASHER	3	
-30	AK5258-2	. NUT	3	
		---*---		
-31	CP41B1FH105V	. CAPACITOR, Fixed (JAN-C-25)	3	
		ATTACHING PARTS		
-32	*	. WASHER	3	
-33	*	. NUT, Hex	3	
		---*---		
-34	CP70B1FG105V	. CAPACITOR, Fixed (JAN-C-25)	1	
-35	CP70B1FG105V	. CAPACITOR, Fixed (JAN-C-25)	1	
-36	CP07SA2	. BRACKET, Capacitor mtg (JAN-C-25)	1 pr	
-37	CP07SA2	. BRACKET, Capacitor mtg (JAN-C-25)	1/2 pr	
-38	AP18700	. BRACKET, Capacitor mtg (JAN-C-25) as modified . . .	1	
		ATTACHING PARTS		
-39	AN936B10	. WASHER	4	
-40	AK5258-4	. NUT, Hex	4	
		---*---		
-41	CP55B1EE504V	. CAPACITOR, Fixed (JAN-C-25)	1	
		ATTACHING PARTS		
-42	COMM	. SCREW, Mach binding hd steel Cd pl & iridite . . . . . No. 6-32 by 5/16 in. lg	1	
-43	AN936A6	. WASHER	1	
-44	AK5258-2	. NUT, Hex	1	
		---*---		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHASSIS ASSEMBLY, TOP VIEW (cont)		
6-45	CP70E1FJ105V	. CAPACITOR, Fixed (JAN-C-25)	1	
-46	CP07SA3	. BRACKET	1 pr	
		ATTACHING PARTS		
-47	AN936B10	. WASHER	2	
-48	AK5258-4	. NUT, Hex. ---*---	2	
-49	TS102P01	. SOCKET, Tube (JAN-S-28A)	11	
		ATTACHING PARTS		
-50	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 4-40 NC-2 by 1/4 in. lg	22	
-51	AN936A4	. WASHER	22	
-52	AK5258-1	. NUT, Hex ---*---	22	
-53	TS103P01	. SOCKET, Tube (JAN-S-28A)	6	
		ATTACHING PARTS		
-54	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 4-40 NC-2 by 1/4 in. lg	12	
-55	AN936A4	. WASHER	12	
-56	AK5258-1	. NUT, Hex ---*---	12	
-57	CP17462	. BLOWER ASSEMBLY	1	
		ATTACHING PARTS		
-58	COMM	. SCREW, Mach hex hd slotted steel Cd pl & iridite No. 6-32 NC-2 by 1/2 in. lg	3	
-59	COMM	. SCREW, Mach hex hd slotted steel Cd pl & iridite No. 6-32 NC-2 by 5/8 in. lg	1	
-60	AN960-6	. WASHER	4	
-61	AN960-6	. WASHER	4	
-62	AN365-632	. NUT ---*---	4	
-63	AK5205	. GROMMET	2	
-64	AK5207	. GROMMET	2	
-65	UG-625A/U	. CONNECTOR, Receptacle	1	
		ATTACHING PARTS		
-66	*	. NUT, Hex	1	
-67	*	. WASHER, Lock ---*---	1	
-68	TS102C01	. SOCKET, Tube	1	
		ATTACHING PARTS		
-69	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 4-40 NC-2 by 5/16 in. lg	2	
-70	AN960-4	. WASHER	2	
-71	AN936A4	. WASHER	2	
-72	AK5258-1	. NUT, Hex ---*---	2	

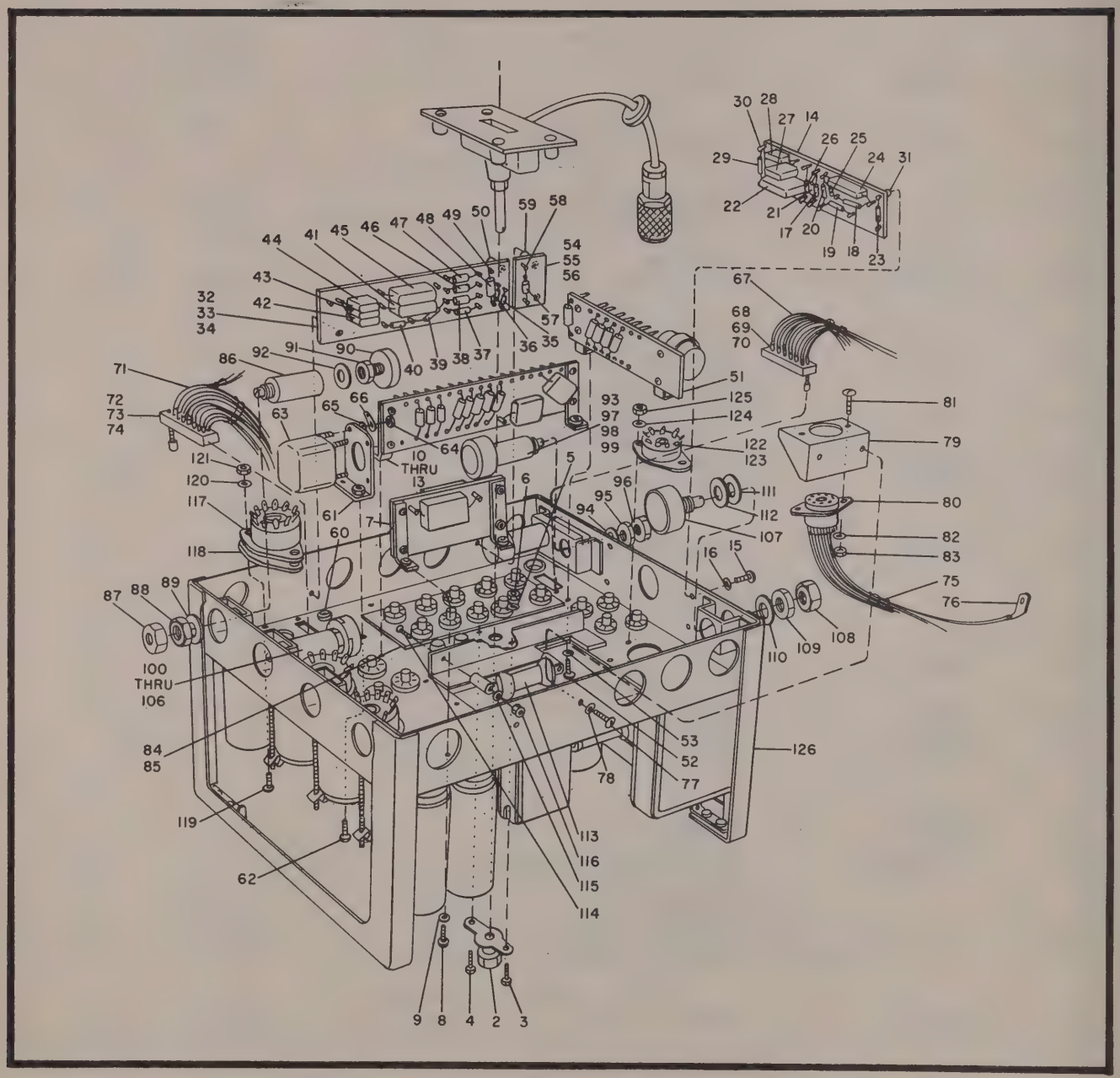

Figure 7. Chassis Assembly, Bottom View

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHASSIS ASSEMBLY, BOTTOM VIEW		
7-	FP16719	CHASSIS ASSEMBLY, Bottom view (see 5, figure 2)	Ref	
-1	CP16643	. ANTENNA ASSEMBLY	1	
-2	K10060	. LOCK, Shaft	1	
		ATTACHING PARTS		
-3	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 by 3/8 in. lg	1	
-4	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 by 5/16 in. lg	1	
-5	AN936A6	. WASHER	2	
-6	COMM	. NUT, Hex No. 6-32 thd	2	
		---*---		
-7	BP17146	. TERMINAL BOARD ASSEMBLY (see figure 8)	1	
		ATTACHING PARTS		
-8	COMM	. SCREW, Mach binding hd Cd pl & iridite No. 6-32 NC-2 by 5/16 in. lg	2	
-9	AN936A6	. WASHER	2	
		---*---		
-10	BP17148	. TERMINAL BOARD ASSEMBLY (see figure 8)	1	
		ATTACHING PARTS		
-11	COMM	. SCREW, Mach binding hd Cd pl & iridite No. 6-32 NC-2 by 5/16 in. lg	1	
-12	AN505-6-5	. SCREW	1	
-13	AN936A6	. WASHER	2	
		---*---		
-14	BP17144	. TERMINAL BOARD ASSEMBLY	1	
		ATTACHING PARTS		
-15	COMM	. SCREW, Mach binding hd Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	2	
-16	AN936A6	. WASHER	2	
		---*---		
-17	RC20GF474K	. . RESISTOR, Fixed (JAN-R-11)	1	
-18	RC42GF474K	. . RESISTOR, Fixed (JAN-R-11)	1	
-19	RC20GF333K	. . RESISTOR, Fixed (JAN-R-11)	1	
-20	RC20GF510J	. . RESISTOR, Fixed (JAN-R-11)	1	
-21	RC30GF224J	. . RESISTOR, Fixed (JAN-R-11)	1	
-22	CN43E104M	. . CAPACITOR, Fixed (JAN-C-91)	1	
-23	RC20GF333K	. . RESISTOR, Fixed (JAN-R-11)	1	
-24	CN43A503M	. . CAPACITOR, Fixed (JAN-C-91)	1	
-25	RC20GF105K	. . RESISTOR, Fixed (JAN-R-11)	1	
-26	RC20F104K	. . RESISTOR, Fixed (JAN-R-11)	1	
-27	CN30AE103M	. . CAPACITOR, Fixed (JAN-C-91)	1	
-28	CN22AX103M	. . CAPACITOR, Fixed (JAN-C-91)	1	
-29	RC20GF124K	. . RESISTOR, Fixed (JAN-R-11)	1	
-30	T-120-11	. . LUG, Turret per Polarad Spec. Dwg No. AK5135 (BDC)	20	
-31	A6K160	. . NUT, Special per Polarad Spec. Dwg No. BK5144-66(GD)	2	
7-	AP17250	. . BOARD, Terminal lettering	1	
-32	BP17145	. TERMINAL BOARD ASSEMBLY	1	
		ATTACHING PARTS		
-33	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	2	
-34	AN936A6	. WASHER	2	
		---*---		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHASSIS ASSEMBLY, BOTTOM VIEW (cont)		
7-35	RC20GF102K	. . RESISTOR, Fixed (JAN-R-11)	1	
-36	RC20GF105K	. . RESISTOR, Fixed (JAN-R-11)	1	
-37	RC20GF680K	. . RESISTOR, Fixed (JAN-R-11)	1	
-38	RC42GF473K	. . RESISTOR, Fixed (JAN-R-11)	1	
-39	RC20GF105K	. . RESISTOR, Fixed (JAN-R-11)	1	
-40	CM25B102K	. . CAPACITOR, Fixed (JAN-C-5)	1	
-41	CN43E104M	. . CAPACITOR, Fixed (JAN-C-91)	1	
-42	CM35C912J	. . CAPACITOR, Fixed (JAN-C-5)	1	
-43	CM35C912J	. . CAPACITOR, Fixed (JAN-C-5)	1	
-44	CM35C752J	. . CAPACITOR, Fixed (JAN-C-5)	1	
-45	CN43E104M	. . CAPACITOR, Fixed (JAN-C-91)	1	
-46	RC42GF473K	. . RESISTOR, Fixed (JAN-R-11)	1	
-47	RC42GF473K	. . RESISTOR, Fixed (JAN-R-11)	1	
-48	RC30GF474K	. . RESISTOR, Fixed (JAN-R-11)	1	
-49	T-120-11	. . LUG, Turret per Polarad Spec. Dwg No. AK5135(BDC)	22	
-50	A6K160	. . NUT, Special per Polarad Spec. Dwg No. BK5144-66(GD)	2	
7-	AP17249	. . BOARD, Terminal	1	
-51	BP17142	. TERMINAL BOARD ASSEMBLY (see figure 8)	1	
		ATTACHING PARTS		
-52	COMM	. SCREW, Mach binding hd Cd pl & iridite No. 6-32 NC-2 by 5/16 in. lg	2	
-53	AN936A6	. WASHER	2	
		---*---		
-54	AP20529	. TERMINAL BOARD ASSEMBLY	1	
		ATTACHING PARTS		
-55	COMM	. SCREW, Mach binding hd Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	2	
-56	AN936A6	. WASHER	2	
		---*---		
-57	1N69	. . CRYSTAL DIODE	1	
-58	T-120-11	. . LUG, Turret per Polarad Spec. Dwg No. AK5135 (BDC)	2	
-59	A6K160	. . NUT, Special per Polarad Spec. Dwg No. BK5144-66(GD)	2	
7-	AP20528	. . BOARD, Terminal	1	
-60	AK5206	. GROMMET	2	
-61	AP19382	. BRACKET	1	
		ATTACHING PARTS		
-62	AN505B5	. SCREW	2	
		---*---		
-63	P-111-F64	. TRANSFORMER, Blocking Oscillator Polarad Spec. Dwg No. BP18391 (Polyphase Instrument Co., Bryn Mawr, Pa.)	1	
		ATTACHING PARTS		
-64	AK5258-1	. NUT, Hex	3	
-65	AN936A6	. WASHER	2	
-66	AK5339-2	. LUG, Terminal No. 6	1	
		---*---		
-67	BP20020	. HARNESS & RECEPTACLE ASSEMBLY	1	
-68	7-2-20S	. . CONNECTOR, Receptacle per Polarad Spec. Dwg. No. BP19448-1 (WIQ)	1	
		ATTACHING PARTS		
-69	AN936A4	. . WASHER	2	
-70	AK5258-1	. . NUT, Hex	2	
		---*---		

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHASSIS ASSEMBLY, BOTTOM VIEW (cont)		
7-71	BP20019	. HARNESS & PLUG ASSEMBLY	1	
-72	7-2-20P	. . CONNECTOR, Plug per Polarad Spec. Dwg No. BP19448-2 (WIQ)	1	
		ATTACHING PARTS		
-73	AN936A4	. . WASHER	2	
-74	AK5258-1	. . NUT, Hex	2	
		---*---		
-75	DP19587-1	. HARNESS ASSEMBLY (No. 3)	1	
-76	AK5334	. . LUG, Terminal No. 10	1	
	BP17294-2	. . SOCKET MOUNTING ASSEMBLY	1	
		ATTACHING PARTS		
-77	COMM	. . SCREW, Mach binding hd Cd pl & iridite No. 6-32 NC-2 by 1/2 in. lg	2	
-78	AN936A6	. . WASHER	1	
		---*---		
-79	AP19396	. . . BRACKET, Socket	1	
-80	BK5203	. . . SOCKET ASSEMBLY	1	
		ATTACHING PARTS		
-81	COMM	. . . SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	2	
-82	AN936A6	. . . WASHER	2	
-83	AN340-6	. . . NUT	2	
		---*---		
-84	CP17327	. MOUNTING BOARD, Tube	1	
		ATTACHING PARTS		
-85	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 4-40 NC-2 by 5/16 in. lg	9	
7-	AN960-4L	. WASHER	9	
7-	AN936A4	. WASHER	9	
7-	AK5258-1	. NUT, Hex	9	
		---*---		
7-	BP19856-3	. POT. AND INSULATED STANDOFF ASSEMBLY	1	
-86	A-JAN-1320	. . STANDOFF, Insulated per Polarad Spec. Dwg No. AK5242 (JAN Hardware Mfg. Co., Brooklyn, N. Y.)	1	
-87	*	. . NUT, Lock	1	
-88	*	. . NUT, Jam light	1	
-89	AN936A616	. . WASHER	1	
-90	RV4ATSA253A	. . RESISTOR, Variable (JAN-R-94)	1	
-91	AK5258-5	. . NUT, Hex	1	
-92	AN936A616	. . WASHER	1	
7-	BP19856-1	. POT. AND INSULATED STANDOFF ASSEMBLY	2	
-93	A-JAN-1320	. . STANDOFF, Insulated per Polarad Spec. Dwg No. AK5242 (JAN Hardware Mfg. Co., Brooklyn, N. Y.)	2	
-94	*	. . NUT, Lock	2	
-95	*	. . NUT, Jam light	2	
-96	AN936A616	. . WASHER	2	
-97	RV4ATSA104A	. . RESISTOR, Variable (JAN-R-94)	2	
-98	AK5258-5	. . NUT, Hex	2	
-99	AN936A616	. . WASHER	2	
7-	BP19856-2	. POT AND INSULATED STANDOFF ASSEMBLY	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CHASSIS ASSEMBLY, BOTTOM VIEW (cont)		
7-100	A-JAN-1320	. . STANDOFF, Insulated per Polarad Spec. Dwg No. AK5242 (JAN Hardware Mfg. Co., Brooklyn, N. Y.)	1	
-101	*	. . NUT, Lock	1	
-102	*	. . NUT, Jam light	1	
-103	AN936A616	. . WASHER	1	
-104	RV4ATSA252A	. . RESISTOR, Variable (JAN-R-94)	1	
-105	AK5258-5	. . NUT, Hex	1	
-106	AN936A616	. . WASHER	1	
-107	RV4ATSD254A	. RESISTOR, Variable (JAN-R-94)	1	
		ATTACHING PARTS		
-108	AP15297	. NUT, Collet	1	
-109	AP15342-C	. COLLET	1	
-110	AN936A616	. WASHER	1	
-111	AN960-616	. WASHER	1	
-112	AN936A616	. WASHER	1	
		---*---		
-113	RW20G202	. RESISTOR, Fixed wire wound (JAN-R-26A)	1	
		ATTACHING PARTS		
-114	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/4 in. lg	2	
-115	AN936A6	. WASHER	2	
-116	AK5258-2	. NUT, Hex	2	
		---*---		
-117	AP14932	. SOCKET, Tube	3	
-118	AP16816	. SPACER, Socket	3	
		ATTACHING PARTS		
-119	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	6	
-120	AN936A6	. WASHER	6	
-121	AK5258-2	. NUT, Hex	6	
		---*---		
-122	TS101P01	. SOCKET, Tube (JAN-S-28A)	1	
		ATTACHING PARTS		
-123	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 5/16 in. lg	2	
-124	AN936A6	. WASHER	2	
-125	AK5258-2	. NUT, Hex	2	
		--*---		
-126	EP17365	. CHASSIS	1	

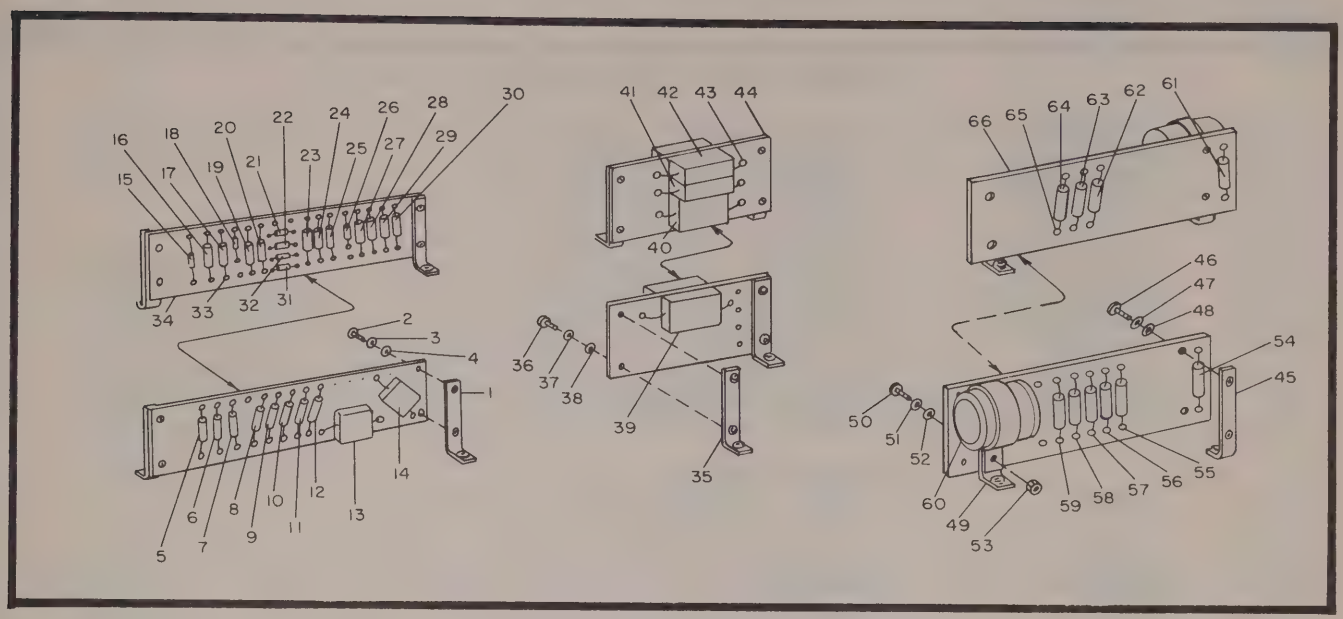

Figure 8. Terminal Board Assemblies

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		TERMINAL BOARD ASSEMBLIES		
8-	CP17148	TERMINAL BOARD (see 10, figure 7)	Ref	
-1	AP16884	. BRACKET ASSEMBLY	2	
		ATTACHING PARTS		
-2	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	4	
-3	AN936B6	. WASHER	4	
-4	AN960-6	. WASHER	4	
		---*---		
-5	RC42GF393K	. RESISTOR, Fixed (JAN-R-11)	1	
-6	RC42GF393K	. RESISTOR, Fixed (JAN-R-11)	1	
-7	RC42GF393K	. RESISTOR, Fixed (JAN-R-11)	1	
-8	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-9	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-10	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-11	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-12	RC42GF474K	. RESISTOR, Fixed (JAN-R-11)	1	
-13	CN35AF103M	. CAPACITOR, Fixed (JAN-C-91)	1	
-14	CN35EX203M	. CAPACITOR, Fixed (JAN-C-91)	1	
-15	RC20GF333K	. RESISTOR, Fixed (JAN-R-11)	1	
-16	RC42GF334K	. RESISTOR, Fixed (JAN-R-11)	1	
-17	RC42GF334K	. RESISTOR, Fixed (JAN-R-11)	1	
-18	RC20GF333K	. RESISTOR, Fixed (JAN-R-11)	1	
-19	RC30GF624J	. RESISTOR, Fixed (JAN-R-11)	1	
-20	RC30GF274K	. RESISTOR, Fixed (JAN-R-11)	1	
-21	RC20GF474K	. RESISTOR, Fixed (JAN-R-11)	1	
-22	RC20GF105K	. RESISTOR, Fixed (JAN-R-11)	1	
-23	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-24	RC42GF203J	. RESISTOR, Fixed (JAN-R-11)	1	

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		TERMINAL BOARD ASSEMBLIES (cont)		
8-25	RC42GF203J	. RESISTOR, Fixed (JAN-R-11)	1	
-26	RC20GF820K	. RESISTOR, Fixed (JAN-R-11)	1	
-27	RC42GF393K	. RESISTOR, Fixed (JAN-R-11)	1	
-28	RC42GF393K	. RESISTOR, Fixed (JAN-R-11)	1	
-29	RC42GF393K	. RESISTOR, Fixed (JAN-R-11)	1	
-30	RC42GF393K	. RESISTOR, Fixed (JAN-R-11)	1	
-31	RC20GF101K	. RESISTOR, Fixed (JAN-R-11)	1	
-32	RC20GF101K	. RESISTOR, Fixed (JAN-R-11)	1	
-33	T-120-11	. LUG, Turret per Polarad Spec. Dwg No. AK5135 (BDC)	38	
-34	BP17255	. BOARD, Terminal	1	
8-	BP17146	TERMINAL BOARD ASSEMBLY (see 7, figure 7)	Ref	
-35	AP16884	. BRACKET ASSEMBLY	2	
		ATTACHING PARTS		
-36	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	4	
-37	AN936A6	. WASHER	4	
-38	AN960-6	. WASHER	4	
		---*---		
-39	CN43E104M	. CAPACITOR, Fixed (JAN-C-91)	1	
-40	CN43E104M	. CAPACITOR, Fixed (JAN-C-91)	1	
-41	CN43E104M	. CAPACITOR, Fixed (JAN-C-91)	1	
-42	CN43E104M	. CAPACITOR, Fixed (JAN-C-91)	1	
-43	T-120-11	. LUG, Turret per Polarad Spec. Dwg No. AK5135 (BDC)	9	
-44	BP17253	. BOARD, Terminal	1	
8-	BP17142	TERMINAL BOARD ASSEMBLY (see 51, figure 7)	Ref	
-45	AP16885	. BRACKET ASSEMBLY	1	
		ATTACHING PARTS		
-46	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	2	
-47	AN936B6	. WASHER	2	
-48	AN960-6	. WASHER	2	
		---*---		
-49	AP18649	. BRACKET ASSEMBLY	1	
		ATTACHING PARTS		
-50	COMM	. SCREW, Mach binding hd steel Cd pl & iridite No. 6-32 NC-2 by 3/8 in. lg	2	
-51	AN936B6	. WASHER	2	
-52	AN960-6	. WASHER	2	
-53	AN340-6	. NUT	2	
		---*---		
-54	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-55	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-56	RC42GF473K	. RESISTOR, Fixed (JAN-R-11)	1	
-57	RC30GF244J	. RESISTOR, Fixed (JAN-R-11)	1	
-58	RC30GF244J	. RESISTOR, Fixed (JAN-R-11)	1	
-59	RC30GF244J	. RESISTOR, Fixed (JAN-R-11)	1	
-60	CP29A1EH103M	. CAPACITOR, Fixed (JAN-C-25)	1	
-61	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-62	RC42GF223K	. RESISTOR, Fixed (JAN-R-11)	1	
-63	RC42GF473K	. RESISTOR, Fixed (JAN-R-11)	1	
-64	RC42GF473K	. RESISTOR, Fixed (JAN-R-11)	1	
-65	T-120-11	. LUG, Turret per Polarad Spec. Dwg No. AK5135 (BDC)	18	
-66	BP17261	. BOARD, Terminal	1	

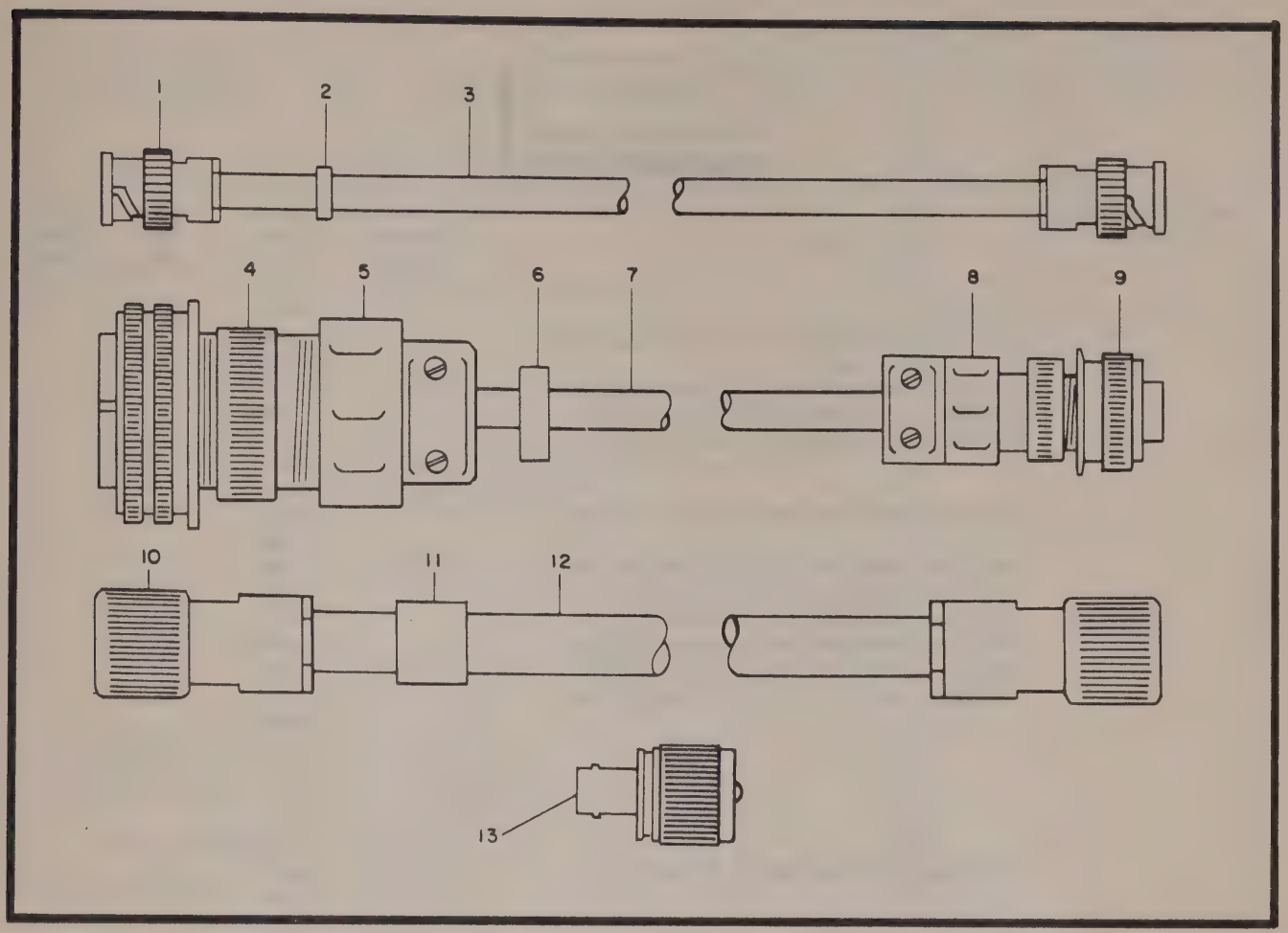

Figure 9. Cords and Adapter

FIGURE AND INDEX NO.	PART NUMBER	DESCRIPTION 1 2 3 4 5 6 7	UNITS PER ASSY	USABLE ON CODE
		CORDS AND ADAPTER		
9-	BP16706	CORD CG-409C/U (6 ft 0 in.)	1	
-1	UG-88/U	. CONNECTOR, Plug (MIL-C-3608)	2	
-2	BP17057	. MARKER, Cable	1	
-3	RG-58C/U	. CABLE, Coaxial 6 ft lg (JAN-C-17)	1	
9-	BP16707	POWER CORD CX-2470/U	1	
-4	AN97-3106A-18-9P(4C)	. CONNECTOR, Plug (AMP)	1	
-5	AN97-3057-10-6(4C)	. CLAMP, Cable (AMP)	1	
-6	BP17058	. MARKER, Cable	1	
-7	COMM	. CABLE, Power electrical two conductor No. 18 stranded copper wire neoprene jacket type-SJ 10 ft lg	1	
-8	AN3057-4	. CLAMP, Cable (AMP)	1	
-9	AN3106A-10SL-4S(4C)	. CONNECTOR, Plug (AMP)	1	
9-	BP16705	CORD CG-92B/U (6 ft 0 in.)	1	
-10	UG-21B/U	. CONNECTOR, Plug (MIL-C-71A)	2	
-11	BP17056	. MARKER, Cable	1	
-12	RG-9A/U	. CABLE, Coaxial 6 ft lg (JAN-C-17)	1	
-13	ANRFCCC No. RE49F389	. ADAPTER	1	

SECTION III

NUMERICAL INDEX

AF Class Code or Stock Number	Part Number	AF Source Code	Fig. and Index No.	Qty per Article	Micro-fim Index
	CABLE		9-3	1	
	INNER CONDUCTOR & CHOKE ASSEMBLY		5-59	1	
	NUT, HEX, 6-32		7-6	2	
	SCREW, BINDING HD, 2-56 by 3/8 in.		3-75	3	
	SCREW, BINDING HD, 3-56 by 1/4 in.		3-70	4	
	SCREW, BINDING HD, 4-40 by 1/4 in.		3-19	37	
			6-50		
			6-54		
	SCREW, BINDING HD, 4-40 by 5/16 in.		6-69	11	
			7-85		
	SCREW, BINDING HD, 4-40 by 3/8 in.		3-36	3	
	SCREW, BINDING HD, 4-40 by 1/2 in.		3-35	1	
	SCREW, BINDING HD, 4-40 by 5/8 in.		3-17	3	
	SCREW, BINDING HD, 6-32 by 3/16 in.		4-134	4	
	SCREW, BINDING HD, 6-32 by 1/4 in.		4-42	1	
	SCREW, BINDING HD, 6-32 by 5/16 in.		6-25	21	
			6-42		
			7-4		
			7-8		
			7-11		
			7-52		
			7-123		
	SCREW, BINDING HD, 6-32 by 3/8 in.		3-67	35	
			4-46		
			5-7		
			5-16		
			7-3		
			7-15		
			7-33		
			7-55		
			7-81		
			7-119		
			8-2		
			8-36		
			8-46		
			8-50		
	SCREW, BINDING HD, 6-32 by 1/2 in.		4-85	4	
			7-77		
	SCREW, BINDING HD, 6-32 by 5/8 in.		4-1	4	
			4-33		
	SCREW, BINDING HD, 6-32 by 3/4 in.		5-10	6	
			5-41		
			7-114		
	SCREW, BINDING HD, 6-32 by 7/8 in.		4-58	4	
	SCREW, BINDING HD, 8-32 by 5/8 in.		4-82	3	
	SCREW, BINDING HD, 8-32 by 3/4 in.		5-1	4	
	SCREW, BINDING HD, 8-32 by 1 in.		4-21	1	
	SCREW, BINDING HD, 10-32 by 3/8 in.		4-15	1	
	SCREW, BINDING HD, 10-32 by 1/2 in.		3-82	4	
	SCREW, FLAT HD, 6-32 by 5/8 in.		4-2	1	
	SCREW, FLAT HD, 8-32 by 5/8 in.		4-83	1	
	SCREW, HEX HD, 6-32 by 1/2 in.		6-58	3	
	SCREW, HEX HD, 6-32 by 5/8 in.		6-59	1	
	SCREW, ROUND HD, 4-40 by 3/16 in.		3-52	3	
			3-61		
			4-6		
			5-14		

AF Class Code or Stock Number	Part Number	AF Source Code	Fig. and Index No.	Qty per Article	Micro-film Index
	SCREW, SET, 4-40 by 3/16 in.		5-52	2	
	SCREW, SET, 6-32 by 3/16 in.		5-21	4	
			5-37		
	SCREW, SET, 6-32 by 1/4 in.		3-28	6	
			3-46		
			5-67		
	SCREW, SET, 8-32 by 1/8 in.		3-65	8	
			4-18		
			4-24		
			4-26		
	SCREW, SET, 8-32 by 3/16 in.		3-23	6	
			4-12		
			5-54		
	SCREW, SET 8-32 by 1/4 in.		3-63	2	
	WASHER, LOCK, No. 2		4-72	4	
	WASHER, LOCK, NO. 4		4-76	5	
			4-79		
	WASHER, LOCK, NO. 6		5-11	5	
			5-42		
			5-46		
			5-50		
	WASHER, LOCK, NO. 8		5-2	5	
			5-8		
	A-JAN-1320		7-86	4	
3320-083353444	A-JAN-1324		3-45	1	
3320-292240710	A-JAN-1325		3-27	1	
3320-083353445	A-JAN-1326		3-60	1	
	ABI2535		5-30	1	
7CPK-ABI-2536	ABI2536		5-31	2	
	ABI2537		5-32	2	
3370-286000	ABI2538		5-33	1	
3330-058750235	AF-844		4-133	1	
	AK5074-2		5-23	8	
	AK5075-1		4-91	3	
	AK5205		6-63	2	
	AK5206		7-60	2	
	AK5207		6-64	2	
	AK5235-1		3-42	1	
	AK5235-2		3-41	1	
	AK5235-3		3-43	1	
	AK5258-1		6-52	52	
	AK5258-2		6-30	14	
	AK5258-4		6-40	6	
	AK5258-5		7-91	4	
	AK5334		4-138	2	
	AK5339-2		7-66	1	
	ANRFCCC No. RE49F389		9-13	1	
	AN3057-4		9-9	1	
	AN3106A-10SL-4S(4C)		9-10	1	
8870-936000-255	AN3140-328		3-14	1	
	AN340-4		3-39	4	
	AN340-6		4-131	21	
	AN340-8		6-17	9	
	AN364D624		2-8	4	
	AN365-632		6-62	4	
	AN505-6-5		7-12	1	
	AN505-6-12		4-127	4	
	AN505-8-6		5-4	1	
	AN505B5		7-62	2	
	AN505C2-4		3-54	2	
	AN510C10-6		4-16	2	
	AN515-2-6		4-73	4	

AF Class Code or Stock Number	Part Number	AF Source Code	Fig. and Index No.	Qty per Article	Micro-film Index
	AN515-4-4		4-65	2	
	AN515-4-8		4-75	4	
	AN742D10C		4-41	2	
	AN742D7C		4-15	1	
	AN742D9C		4-129	1	
	AN931-5-13		7-60	1	
	AN936A2		3-76	3	
	AN936A4		3-20	55	
	AN936A6		3-68	64	
	AN936A616		4-50	17	
	AN936B10		3-83	10	
	AN936B6		5-17	11	
	AN936B8		6-17	4	
	AN960-4		3-21	5	
	AN960-4L		7-85	9	
	AN960-6		4-59	33	
	AN960-616		7-111	1	
	AN960-616L		4-51	7	
	AN960-8		5-9	1	
	AN97-3057-10-6(4C)		9-6	1	
	AN97-3106A-18-9P(4C)		9-5	1	
	AP13417		4-37	1	
	AP13436		3-47	1	
	AP13456		4-17	3	
	AP13461		4-70	4	
	AP14704		2-7	4	
8850-886248	AP14932		7-117	3	
	AP15115		5-24	1	
	AP15228		5-36	1	
	AP15297		4-48	8	
	AP15342		4-49	8	
	AP16816		7-118	3	
	AP16884		8-1	4	
	AP16885		8-45	1	
	AP16866-1		3-11	1	
	AP16866-2		3-12	1	
3320-080551350	AP16953		3-51	1	
	AP16954		3-48	1	
	AP16955		4-10	1	
	AP16956		4-28	1	
	AP16960-3		3-49	1	
	AP16961		4-68	1	
	AP16962		4-35	2	
	AP16963		4-32	2	
3320-083353443	AP16966		3-53	1	
	AP16973		4-36	1	
	AP16976		4-31	2	
	AP17026		4-19	1	
	AP17049		4-11	1	
7CPK-AP17067-1	AP17067-1		4-	1	
	AP17068-1		4-80	1	
	AP17069		4-63	1	
	AP17070		4-77	1	
	AP17072		4-64	1	
	AP17249		7-	1	
	AP17250		7-	1	
	AP17251		4-62	1	
	AP17252		4-132	1	
	AP17275		5-28	1	
	AP17309		3-15	1	

AF Class Code or Stock Number	Part Number	AF Source Code	Fig. and Index No.	Qty per Article	Micro-film Index
	AP17322		4-27	1	
	AP17409		4-71	4	
	AP17424		4-8	1	
	AP17426		4-7	1	
3320-083353442	AP17463		3-64	1	
	AP17508		3-	1	
	AP17633		5-64	1	
	AP17634		5-63	1	
	AP17635		5-62	1	
	AP17645		3-77	1	
	AP17651		5-57	51	
	AP17652-1		5-55	1	
	AP17653-1		5-53	1	
	AP17655-1		5-66	1	
	AP17656		5-4	1	
	AP17661		5-3	1	
	AP18025		5-13	1	
	AP18053		4-38	1	
	AP18054		4-29	1	
	AP18186		5-19	1	
	AP18571		5-39	1	
	AP18572		5-38	1	
	AP18649		8-49	1	
	AP18700		6-38	1	
	AP18768		4-9	1	
	AP18916		3-	1	
	AP19382		7-61	1	
	AP19396		7-79	1	
	AP19554		5-44	1	
	AP19731		4-57	2	
	AP19888		4-122	2	
	AP20067		3-78	1	
	AP20403		5-	1	
	AP20528		7-	1	
	AP20529		7-54	1	
	AP21529		3-84	1	
	AP22294-2		5-47	2	
	AP22506		5-20	1	
	AP23463		3-80	1	
	AP23464		3-79	1	
	A6K160		7-31	6	
			7-50		
			7-59		
	BK5159-6		4-3	3	
	BK5159-61		4-34	2	
	BK5203		7-80	1	
	BK5261-1		5-22	1	
	BK5338		3-62	1	
	BK5383-6		6-5	1	
7CPK-BP13660	BP13660		2-3	4	
3380-512325-1891	BP16431		6-28	1	
	BP16705		9-	1	
	BP16706		9-	1	
	BP16707		9-	1	
7CPK-BP16812	BP16812		3-81	2	
	BP17025		4-	1	
	BP17056		9-12	1	
	BP17057		9-2	1	
	BP17058		9-7	1	
	BP17142		7-51	1	
	BP17144		7-14	1	
	BP17145		7-32	1	

AF Class Code or Stock Number	Part Number	AF Source Code	Fig. and Index No.	Qty per Article	Micro-film Index
	BP17146		7-7	1	
	BP17147		4-84	1	
	BP17148		7-10	1	
	BP17185		4-13	1	
	BP17253		8-44	1	
	BP17255		8-34	1	
	BP17261		8-66	1	
	BP17294-2		7-	1	
	BP17311-3		3-16	1	
7CPK-BP17619	BP17619		5-60	1	
3340-862-16P-4350	BP17629		5-61	1	
	BP17654		5-	1	
	BP17659		5-65	1	
7CPK-BP18271	BP18271		5-5	1	
	BP18820		4-	1	
	BP19060		4-45	1	
7CPK-BP19480	BP19480		5-	1	
	BP19517-2		3-	1	
	BP19555		5-48	1	
	BP19727		3-74	1	
	BP19856-1		7-	1	
	BP19856-2		7-	1	
	BP19856-3		7-	1	
	BP20019		7-71	1	
	BP20020		7-67	1	
	BP20459		5-26	1	
	BP21845		2-6	1	
	BP22246		3-18	1	
	CK5001-43		4-126	1	
3350-101000-3271	CM25B102K		7-40	1	
3330-055950235	CM35C752J		7-44	1	
0330-055950235	CM35C912J		7-42	2	
	CN22AX103M		7-28	1	
	CN30AE103M		7-27	1	
	CN35AF103M		8-13	1	
3330-314941505	CN35EX203M		8-14	1	
3330-317704035	CN43A503M		7-24	1	
3330-317760063	CN43E104M		7-22	7	
	CP07SA2		6-36	1-1/2 pr	
	CP07SA3		6-46	1 pr	
	CP16643		7-1	1	
3360-073113846	CP16682		3-29	1	
7CPK-862-17C-1819	CP17084		2-2	1	
7CPK-CP17224-1	CP17224		4-14	1	
3350-877575-7511	CP17230		5-15	1	
	CP17269		4-44	1	
	CP17327		7-84	1	
	CP17462		6-57	1	
	CP20762		5-40	1	
3330-056750323	CP29A1EH103M		8-60	1	
3330-056750206	CP41B1FG105V		6-49	1	
3330-056750441	CP41B1FH105V		6-31	2	
3330-317760089	CP54B1EG104V		3-66	1	
3330-056750280	CP55B1EE504V		6-41	1	
3330-056750310	CP70B1FG105V		6-34	2	
	CP70E1FJ105V		6-45	1	
3340-063902450	CT1116		6-24	1	
3340-063854280	CT1117		6-22	1	
3340-063951570	CT1118		6-23	1	
	DP16715		2-4	1	
	DP17214		4-143	1	
	DP17489		2-	1	

AF Class Code or Stock Number	Part Number	AF Source Code	Fig. and Index No.	Qty per Article	Micro-film Index
	DP17617		4-81	1	
	DP17692		5-	1	
7CPK-862-17C-2650	DP18473		4-	1	
	DP18537-3		2-1	1	
	DP19587-1		7-75	1	
	DP19887		4-137	1	
3350-394186070	D168391		4-74	1	
3300-394186075	D168392		4-67	1	
	EP17365		7-126	1	
	FP16719		2-5	1	
6870-184500-555	F02G3R00A		3-59	4	
7CAC-524600	HS2-2-1/2		3-1	1	
	H1B		6-19	1	
	H2B		6-16	3	
	JAN0B2		6-10	2	
3370-316000-1365	JAN12AT7		6-11	5	
	JAN5R4WGY		6-8	3	
	JAN5651		6-12	5	
	JAN6AU6		6-13	1	
	JAN6X4W		6-9	3	
3370-29800-6466	JAN6005/6AQ5W		6-14	1	
3370-286000-6665	JAN6098/CT		6-15	1	
	K10060		7-2	1	
	P-111-F64		7-63	1	
	QS200-M24S		5-25	1	
3350-858000-4242	RA30A2SD502AK		4-47	1	
3350-103000-1531	RC20GF101K		8-31	2	
3350-101000-3271	RC20GF102K		7-35	1	
3350-103000-5866	RC20GF104K		7-26	1	
3350-103000-7761	RC20GF105K		7-36	4	
3350-101000-3271	RC20GF124K		7-29	1	
	RC20GF241K		4-52	1	
3350-103000-5286	RC20GF333K		7-19	4	
3350-103000-7416	RC20GF474K		7-17	2	
3300-381171726	RC20GF510J		7-20	1	
	RC20GF680K		7-37	1	
3350-103000-1521	RC20GF820K		8-26	1	
3350-133000-4686	RC30GF104K		4-119	1	
3350-133000-5566	RC30GF224J		7-21	1	
	RC30GF274K		8-20	4	
	RC30GF474K		7-48	1	
3350-133000-1286	RC30GF620J		4-55	1	
	RC30GF624J		8-19	1	
3350-165000-5771	RC42GF203J		8-24	2	
3350-165000-5821	RC42GF223K		8-8	9	
	RC42GF334K		8-16	2	
3350-146000-4957	RC42GF393K		8-5	7	
3350-146000-5137	RC42GF473K		7-38	3	
3350-146000-6197	RC42GF474K		7-18	2	
3350-165000-2751	RC42GF821K		4-53	1	
	RG-58C/U		3-72	2	
	RG-9A/U		9-13	1	
3350-382000-1855	RN20R1300F		4-54	4	
3350-793000-1798	RV4ATRD102A		3-24	1	
3350-793000-3864	RV4ATSA104A		7-97	2	
3300-06702500	RV4ATSA252A		7-104	1	
	RV4ATSA253A		7-90	1	
	RV4ATSD153A		4-104	2	
3350-793000-4218	RV4ATSD254A		7-107	1	
3300-067050401	RV4ATSD503A		4-114	1	
3350-793000-2572	RV4ATSH103A		4-86	2	
3350-793000-2898	RV4ATSH253A		4-92	1	

AF Class Code or Stock Number	Part Number	AF Source Code	Fig. and Index No.	Qty per Article	Micro-film Index
3330-385261070	RW20G202		7-113	1	
3320-292241290	S-308-B-BB		3-22	1	
3360-395853190	ST23K		3-40	1	
	T-120-11		4-56	119	
			7-30		
			7-49		
			7-58		
			8-33		
			8-43		
			8-65		
	TS101P01		7-122	1	
	TS102C01		6-68	1	
8850-889046	TS102P01		6-49	11	
	TS102U02		6-2	8	
	TS102U03		6-1	3	
8850-896590	TS103P01		6-53	6	
	TS103U02		6-3	5	
3370-774000-2195	TS103U03		6-4	1	
	UG-106/U		3-33	1	
	UG-21B/U		9-11	2	
	UG-291A/U		3-71	1	
8850-480844	UG-625A/U		6-65	1	
	UG-88/U		9-1	2	
3330-317760089	UG-88B/U		3-73	1	
	1N69		7-57	1	
	118930-B		4-123	1	
	118930-C		4-120	1	
	1220-2		3-31	1	
	2104-04-00		3-37	1	
3370-719000-2924	3		6-7	1	
8870-556000-381	340067		3-	4	
3370-738500-4115	4		6-6	3	
	4007		4-69	1	
	5133-18		4-30	2	
			4-39		
	5133-9		4-20	2	
			5-56		
3380-705315-6446	6N075T		6-27	1	
	6390		5-29	1	
	7-2-20P		4-141	2	
	7-2-20S		4-139	2	
	754A-6-2-6		3-34	1	
8850-873220	78-S4S		5-27	1	
	9-20H		4-140	1	
	9-20H1		4-142	1	
	97-3102A-10SL-4P(4C)		3-32	1	

SECTION IV

REFERENCE DESIGNATION INDEX

Reference Designation	Figure Index	Class Code or Stock Number	Part Number
A6	5-65		BP17659
C1	8-42	3330-317760063	CN43E104M
C2	8-41	3330-317760063	CN43E104M
C3	8-40	3330-317760063	CN43E104M
C4	6-34	3330-056750310	CP70B1FG105V
C5	7-22	3330-317760063	CN43E104M
C7	7-28		CN22AX103M
C8	7-27		CN30AE103M
C11	7-42	0330-055950235	CM35C912J
C12	7-43	0330-055950235	CM35C912J
C13	7-44	3330-055950235	CM35C752J
C16	7-40	3350-101000-3271	CM25B102K
C17	7-41	3330-317760063	CN43E104M
C18	7-45	3330-317760063	CN43E104M
C19	3-66	3330-317760089	CP54B1EG104V
C21	6-31	3330-056750441	CP41B1FH105V
C22	8-14	3330-314941505	CN35EX203M
C24	8-13		CN35AF103M
C25	6-28	3330-056750310	CP70B1FG105V
C27	6-41	3330-056750280	CP55B1EE504V
C28	8-39	3330-317760063	CN43E104M
C29	6-31	3330-056750441	CP41B1FH105V
C30	6-31	3330-056750441	CP41B1FH105V
C31	7-24	3330-317704035	CN43A503M
C32	8-60	3330-056750323	CP29A1EH103M
C33	6-45		CP70E1FJ105V
CP1	4-13		BP17185
CR1	7-57		1N69
E1	6-2		TS102U02
E2	6-5		BK5383
E3	6-1		TS102U03
E4	6-1		TS102U03
E5	6-3		TS103U02
E6	6-3		TS103U02
E7	5-	7CPK-BP19480	BP19480
E8	6-2		TS102U02
E10	6-3		TS103U02
E11	6-3		TS103U02
E12	6-2		TS102U02
E13	6-2		TS102U02
E14	6-1		TS102U03
E18	6-3		TS103U02
E19	6-2		TS102U02
E20	6-2		TS102U02
E21	6-2		TS102U02
E22	6-2		TS102U02
E30	7-1		CP16643
EK1	6-4	3370-774000-2195	TS103U03
F1	3-59	6870-184500-555	F02G3R00A
F2	3-59	6870-184500-555	F02G3R00A
F3	3-59	6870-184500-555	F02G3R00A
F4	3-59	6870-184500-555	F02G3R00A
FL1	4-133	3330-058750235	AF-844
H1, H2	2-3	7CPK-BP13660	BP13660
H3, H4	2-3	7CPK-BP13660	BP13660
H13	5-25		QS200-M24S

Reference Designation	Figure Index	Class Code or Stock Number	Part Number
H14	5-28		AP17275
H15	4-41		AN742D10C
H33	7-2		K10060
I 1	3-14	8870-936000-255	AN3140-328
J1	3-32		97-3102A-10SL-4P(4C)
J4	3-71		UG-291A/U
J5	7-		BP17294-2
J6	4-120		118930-C
J7	4-123		118930-B
J8	7-72		7-2-20P
J9	7-68		7-2-20S
J10	6-65	8850-480844	UG-625A/U
K1	6-27	3380-705315-6446	6N075T
K2	6-28	3380-512325-1891	BP16431
M1	3-1		HS2-2-1/2
O 1	5-		DP17692
O 2	5-53		AP17653-1
O 3	4-23		AP13456
O 4	4-25		AP13456
O 5	4-17		AP13456
O 7	4-11		AP17049
O 8	4-44		CP17269
O 9	4-		BP17025
O 12	4-10		AP16955
O 26	5-66		AP17655-1
O 28	5-55		AP17652-1
O 33	4-27		AP17322
O 72	4-19		AP17026
O 73	4-29		AP18054
O 74	4-28		AP16956
O 75	4-38		AP18053
O 83	4-36		AP16973
P8	4-139		7-2-20S
P9	4-141		7-2-20P
P10	3-73	3330-317760089	UG-88B/U
P101	9-10		AN3106A-10SL-4S(4C)
P102	9-11		UG-21B/U
P103	9-5		AN97-3106A-18-9P(4C)
P104	9-1		UG-88/U
P105	9-14		UG-21B/U
P106	9-4		UG-88/U
R1	7-48		RC30GF474K
R2	7-36	3350-103000-7761	RC20GF105K
R5	7-29	3350-101000-3271	RC20GF124K
R6	7-97	3350-793000-3864	RV4ATSA104A
R7	7-26	3350-103000-5866	RC20GF104K
R8	7-47	3350-146000-5137	RC42GF473K
R9	7-46	3350-146000-5137	RC42GF473K
R10	7-38	3350-146000-5137	RC42GF473K
R12	7-90		RV4ATSA253A
R13	8-26	3350-103000-1521	RC20GF820K
R15	7-35	3350-101000-3271	RC20GF102K
R16	7-39	3350-103000-7761	RC20GF105K
R17	7-37		RC20GF680K
R18	8-30	3350-146000-4957	RC42GF393K
R19	8-5	3350-146000-4957	RC42GF393K
R20	8-29	3350-146000-4957	RC42GF393K
R21	8-6	3350-146000-4957	RC42GF393K
R22	8-28	3350-146000-4957	RC42GF393K
R23	8-7	3350-146000-4957	RC42GF393K
R24	8-27	3350-146000-4957	RC42GF393K
R26	7-104	3300-06702500	RV4ATSA252A
R27	8-24	3350-165000-5771	RC42GF203J

Reference Designation	Figure Index	Class Code or Stock Number	Part Number
R28	8-25	3350-165000-5771	RC42GF203J
R29	8-10	3350-165000-5821	RC42GF223K
R30	8-9	3350-165000-5821	RC42GF223K
R31	8-8	3350-165000-5821	RC42GF223K
R33	8-11	3350-165000-5821	RC42GF223K
R34	8-23	3350-165000-5821	RC42GF223K
R37	4-119	3350-133000-4686	RC30GF104K
R38	8-12	3350-146000-6197	RC42GF474K
R39	8-32	3350-103000-1531	RC20GF101K
R40	8-31	3350-103000-1531	RC20GF101K
R41	8-22	3350-103000-7761	RC20GF105K
R42	8-21	3350-103000-7416	RC20GF474K
R44	8-15	3350-103000-5286	RC20GF333K
R45	8-16		RC42GF334K
R46	8-17		RC42GF334K
R47	8-18	3350-103000-5286	RC20GF333K
R48	8-20		RC30GF274K
R49	7-97	3350-793000-3864	RV4ATSA104A
R50	8-19		RC30GF624J
R53	4-104		RV4ATSD153A
R54	4-86		RV4ATSH103A
R55	4-98		RV4ATSH103A
R56	4-109		RV4ATSD153A
R57	4-92		RV4ATSH253A
R58	4-114		RV4ATSD503A
R59	5-15	3350-877575-7511	CP17230
R60	7-113	3330-385261070	RW20G202
R61	8-54	3350-165000-5821	RC42GF223K
R62	8-61	3350-165000-5821	RC42GF223K
R63	4-47	3350-858000-4242	RA30A2SD502AK
R64	3-24	3350-793000-1798	RV4ATRD102A
R65	4-55	3350-133000-1286	RC30GF620J
R67	4-53	3350-165000-2751	RC42GF821K
R68	4-54	3350-382000-1855	RN20R1300F
R69	4-54	3350-382000-1855	RN20R1300F
R70	4-52	3350-103000-2195	RC20GF241K
R71	4-54	3350-382000-1855	RN20R1300F
R73	4-54	3350-382000-1855	RN20R1300F
R74	7-18	3350-146000-6197	RC42GF474K
R75	7-25	3350-103000-7761	RC20GF105K
R78	7-17	3350-103000-7416	RC20GF474K
R79	7-19	3350-103000-5286	RC20GF333K
R80	7-23	3350-102000-5286	RC20GF333K
R81	8-64		RC42GF473K
R82	8-56		RC42GF473K
R83	8-63		RC42GF473K
R84	8-55		RC42GF223K
R85	8-62		RC42GF223K
R90	7-21	3350-133000-5566	RC30GF224J
R91	7-107	3350-793000-4218	RV4ATSD254A
R92	8-59		RC30GF244J
R93	8-58		RC30GF244J
R94	8-57		RC30GF244J
R95	7-20	3300-381171726	RC20GF510J
RT2	4-74	3350-394186070	D168391
RT3	4-67	3300-394186075	D168392
S1	3-40	3360-395853190	ST23K
S2	3-29	3360-073113846	CP16682
S3	4-	7CAC-788000	DP18473
T1	6-24	3340-063902450	CT1116
T2	7-63		P-111-F64
T3	6-23	3340-063951570	CT1118
T4	6-22	3340-063854280	CT1117

Reference Designation	Figure Index	Class Code or Stock Number	Part Number
TB1	7-10		BP17148
TB2	7-7		BP17146
TB3	7-32		BP17145
TB4	7-14		BP17144
TB5	7-51		BP17142
TB7	4-84		BP17147
TB8	4-45		BP19060
TB9	7-54		AP20529
V1	6-9		JAN6X4W
V2	6-14	3370-29800-6466	JAN6005/6AQ5W
V3	6-13		JAN6AU6
V4	6-10		JAN0B2
V5	6-11	3370-316000-1365	JAN12AT7
V6	6-11	3370-316000-1365	JAN12AT7
V8	6-9		JAN6X4W
V9	6-8		JAN5R4WGY
V10	6-11	3370-316000-1365	JAN12AT7
V11	6-11	3370-316000-1365	JAN12AT7
V12	6-12		JAN5651
V13	6-9		JAN6X4W
V14	6-10		JAN0B2
V15	6-8		JAN5R4WGY
V16	6-8		JAN5R4WGY
V17	6-15	3370-286000-6665	JAN6098/CT
V18	6-11	3370-316000-1365	JAN12AT7
V19	6-12		JAN5651
V20	6-12		JAN5651
V21	6-12		JAN5651
V22	6-12		JAN5651
W1	3-72		RG-58C/U
W101	9-		BP16707
W102	9-		BP16705
W103	9-		BP16706
XF1	3-	8870-556000-381	340067
XF2	3-	8870-556000-381	340067
XF3	3-	8870-556000-381	340067
XF4	3-	8870-556000-381	340067
XK1	6-53	8850-896590	TS103P01
XV1	6-49	8850-889946	TS102P01
XV2	6-68		TS102C01
XV3	6-49	8850-889946	TS102P01
XV4	6-49	8850-889946	TS102P01
XV5	6-53	8850-896590	TS103P01
XV6	6-53	8850-896590	TS103P01
XV7	5-27	8850-873220	78-S4S
XV8	6-49	8850-889946	TS102P01
XV9	7-117	8850-886248	AP14932
XV10	6-53	8850-896590	TS103P01
XV11	6-53	8850-896590	TS103P01
XV12	6-49	8850-889946	TS102P01
XV13	6-49	8850-889946	TS102P01
XV14	6-49	8850-889946	TS102P01
XV15	7-117	8850-886248	AP14932
XV16	7-117	8850-886248	AP14932
XV17	7-122		TS101P01
XV18	6-53	8850-896590	TS103P01
XV19	6-49	8850-889946	TS102P01
XV20	6-49	8850-889946	TS102P01
XV21	6-49	8850-889946	TS102P01
XV22	6-49	8850-889946	TS102P01
Z1	5-40	7CPK-BP17619	CP20762
Z8	5-46		BP17619
Z10	5-61		BP17629